

NEWFIELD



November 14, 2005

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 16-31-8-18, 2-9-9-16, 6-9-9-16, 4-4-9-18,
and 8-5-9-18.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 16-31-8-18 and 2-9-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

NOV 16 2005

DIV. OF OIL, GAS & MINING

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-79833

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
N/A

8. Lease Name and Well No.
Federal 6-9-9-16

9. API Well No.
43-013-32957

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
SE/NW Sec. 9, T9S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SE/NW 1969' FNL 1974' FWL 574547X 40.047192
At proposed prod. zone 4433151Y -110.126100

14. Distance in miles and direction from nearest town or post office*
Approximatley 15.4 miles southwest of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 666' f/lse, NA' f/unit

16. No. of Acres in lease
440.00

17. Spacing Unit dedicated to this well
40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1331'

19. Proposed Depth
6080'

20. BLM/BIA Bond No. on file
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5782' GL

22. Approximate date work will start*
1st Quarter 2006

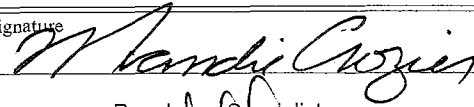
23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

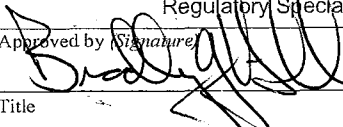
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature


Name (Printed/Typed)
Mandie Crozier

Date
11/14/05

Title
Regulatory Specialist

Approved by Signature


Name (Printed/Typed)
BRADLEY G. HILL
ENVIRONMENTAL SCIENTIST III

Date
11-17-05

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

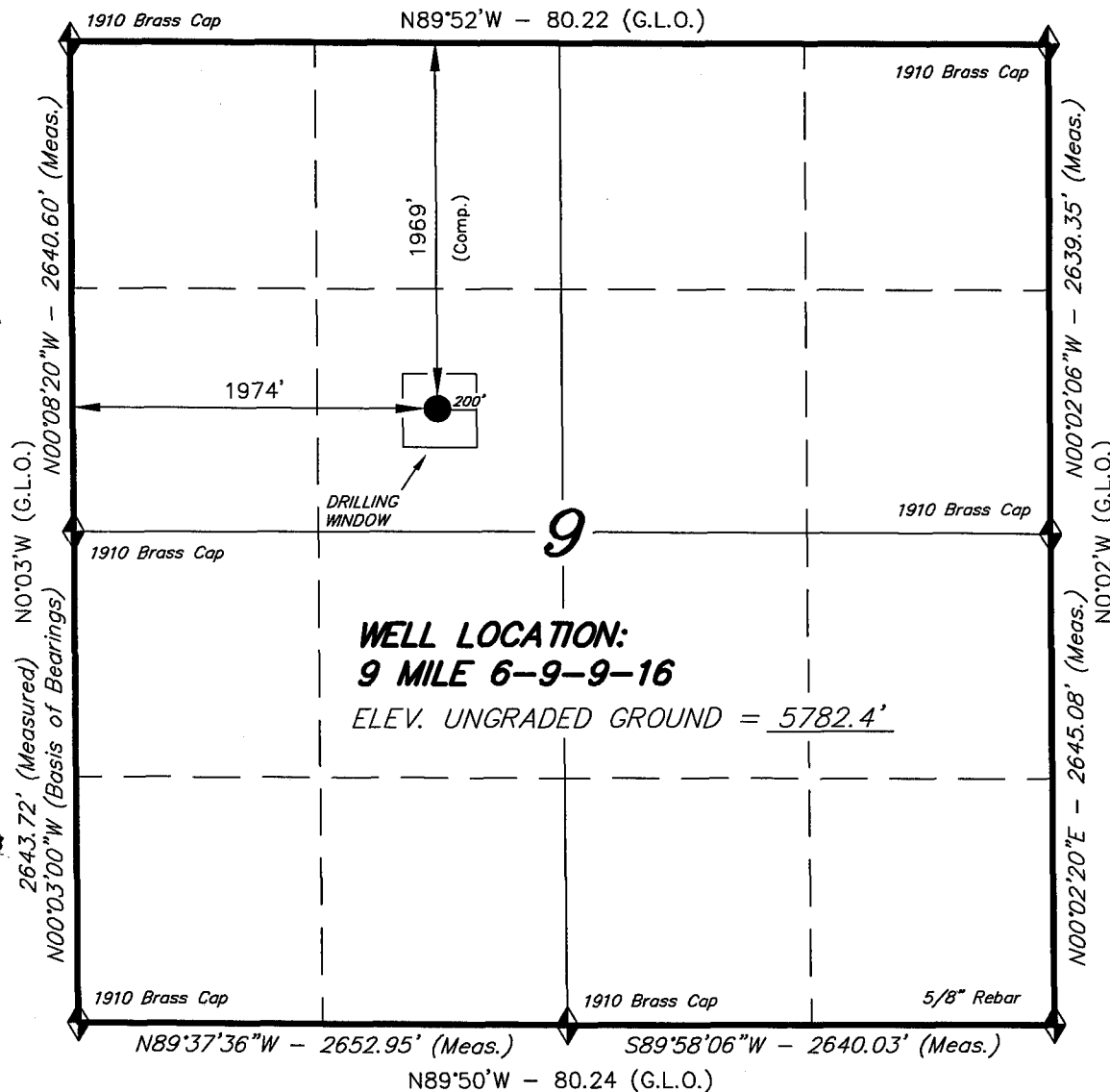
NOV 16 2005

DIV. OF OIL, GAS & MINING

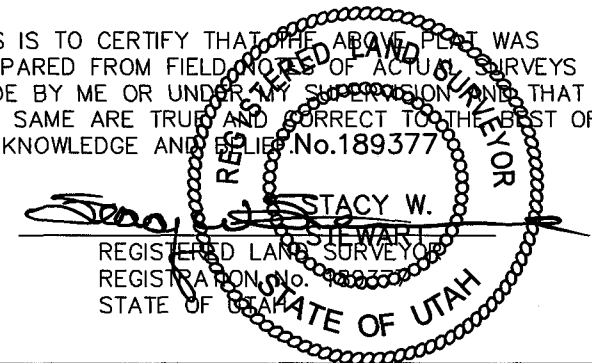
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 6-9-9-16,
LOCATED AS SHOWN IN THE SE 1/4 NW
1/4 OF SECTION 9, T9S, R16E, S.L.B.&M.
DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: C.M.

DATE: 9-12-05

DRAWN BY: F.T.M.

NOTES:

FILE #

NEWFIELD PRODUCTION COMPANY

FEDERAL #6-9-9-16

SE/NW SECTION 9, T9S, R16E

DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2185'
Green River	2185'
Wasatch	6080'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2185' – 6080' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
FEDERAL #6-9-9-16
SE/NW SECTION 9, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #6-9-9-16 located in the SE 1/4 NW 1/4 Section 9, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 10.9 miles \pm to it's junction with an existing dirt road to the southeast; proceed southeasterly - 0.4 miles \pm to it's junction with an existing road to the northeast; proceed in a northeasterly direction - 2.5 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road - 150' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. Arch. Report #1030-01, 4/23/98. Paleontological Resource Survey prepared by, Uintah Paleo, 3/7/98. See attached report cover pages, Exhibit "D".

For the South Wells Draw Federal #6-9-9-16 Newfield Production Company requests 150' of disturbed area be granted in Lease UTU-79833 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 450' of disturbed area be granted in Lease UTU-79833 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Indain Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Shadscale	<i>Atriplex confertifolia</i>	3 lbs/acre
Fringed Sagebrush	<i>Artemisia Frigida</i>	1 lbs/acre

Details of the On-Site Inspection

The proposed Federal #6-9-9-16 was on-sited on 7/12/05. The following were present; Shon McKinnon (Newfield Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon McKinnon
 Address: Route #3 Box 3630
 Myton, UT 84052
 Telephone: (435) 646-3721

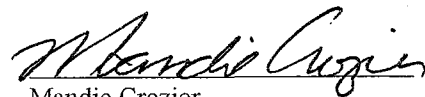
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #6-9-9-16 SE/NW Section 9, Township 9S, Range 16E: Lease UTU-79833 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

11/14/05

Date



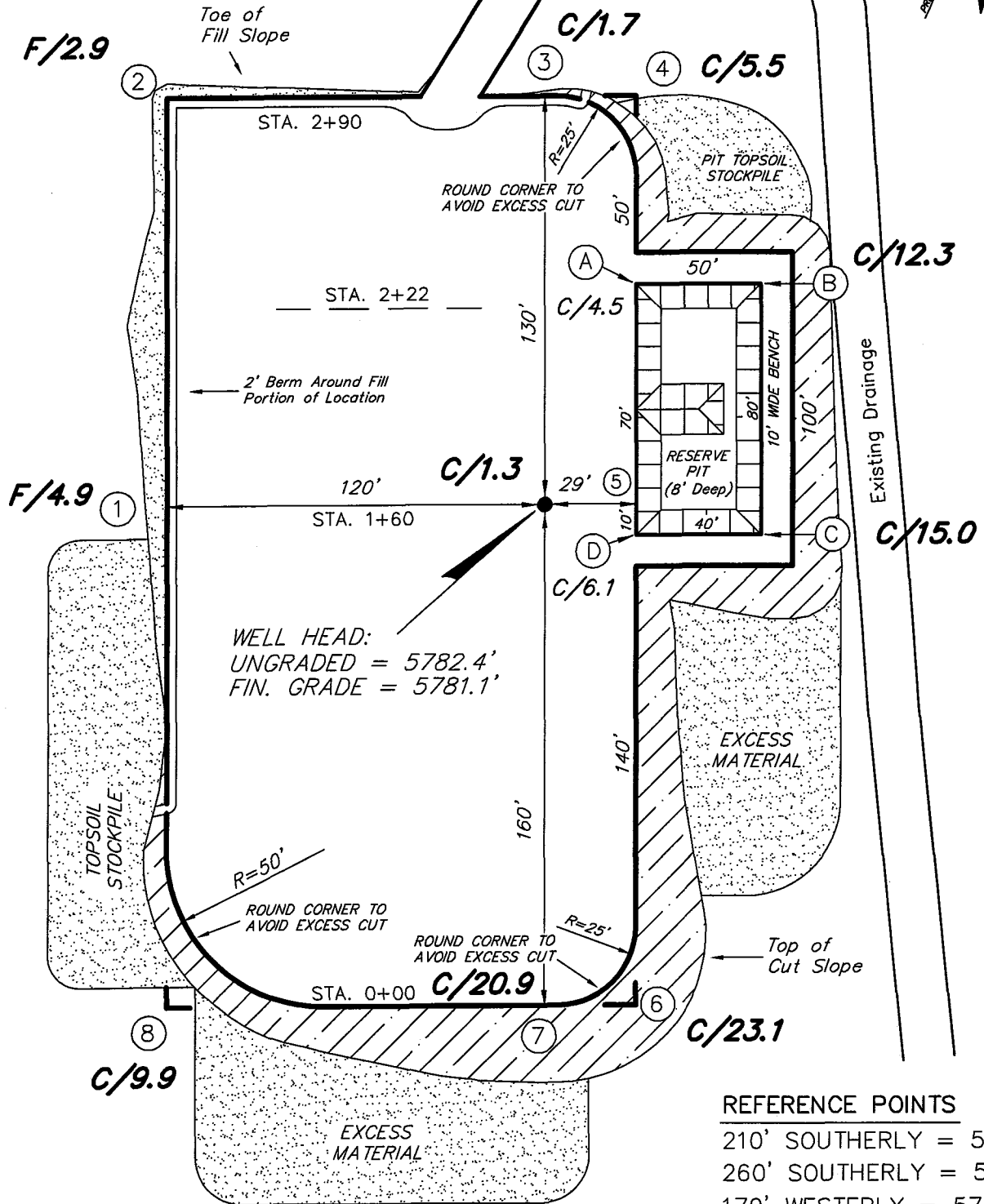
Mandie Crozier
 Regulatory Specialist
 Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 6-9-9-16

Section 9, T9S, R16E, S.L.B.&M.

PROPOSED ACCESS —
ROAD (Max. 6% Grade)



REFERENCE POINTS

210' SOUTHERLY = 5807.9'

260' SOUTHERLY = 5810.6'

$$170' \text{ WESTERLY} = 5777.8'$$
$$220' \text{ WESTERLY} = 5777.5'$$

SURVEYED BY: C.M.

SCALE: $1'' = 50'$

DRAWN BY: F.T.M.

DATE: 9-12-05

Tri State (4)
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UT.

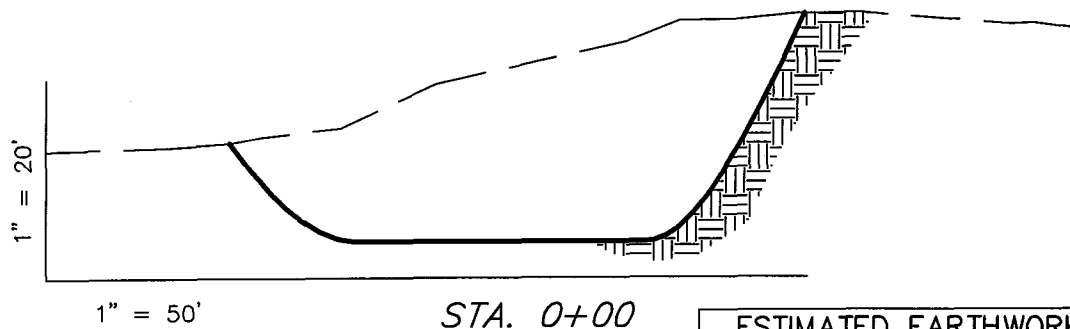
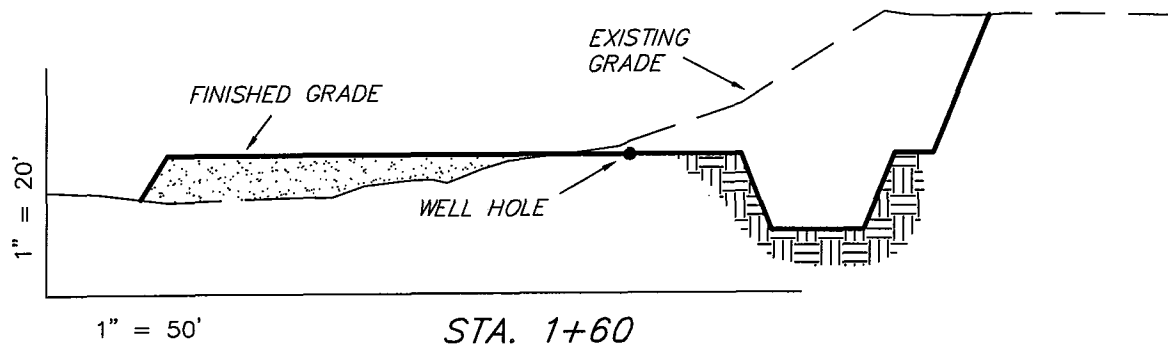
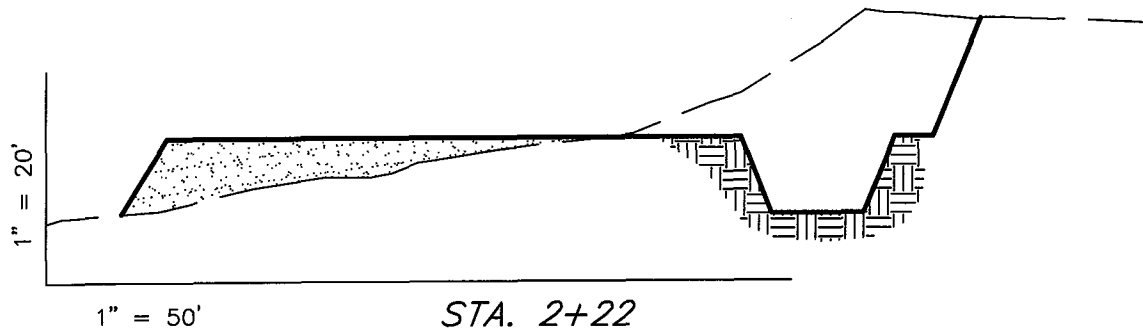
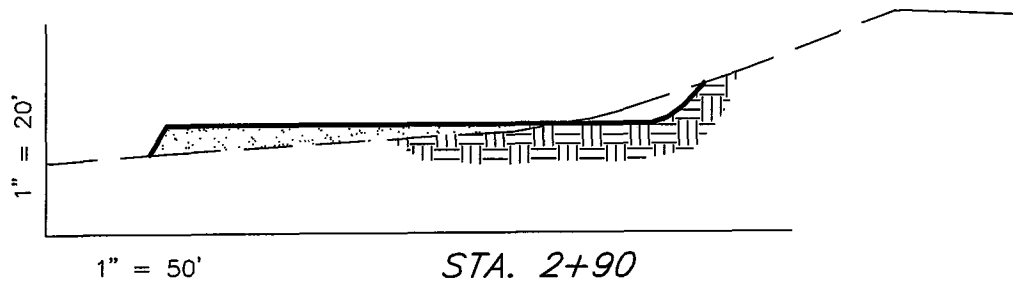
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 6-9-9-16



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	9,670	2,200	Topsoil is not included in Pad Cut	7,470
PIT	640	0		640
TOTALS	10,310	2,200	1,070	8,110

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

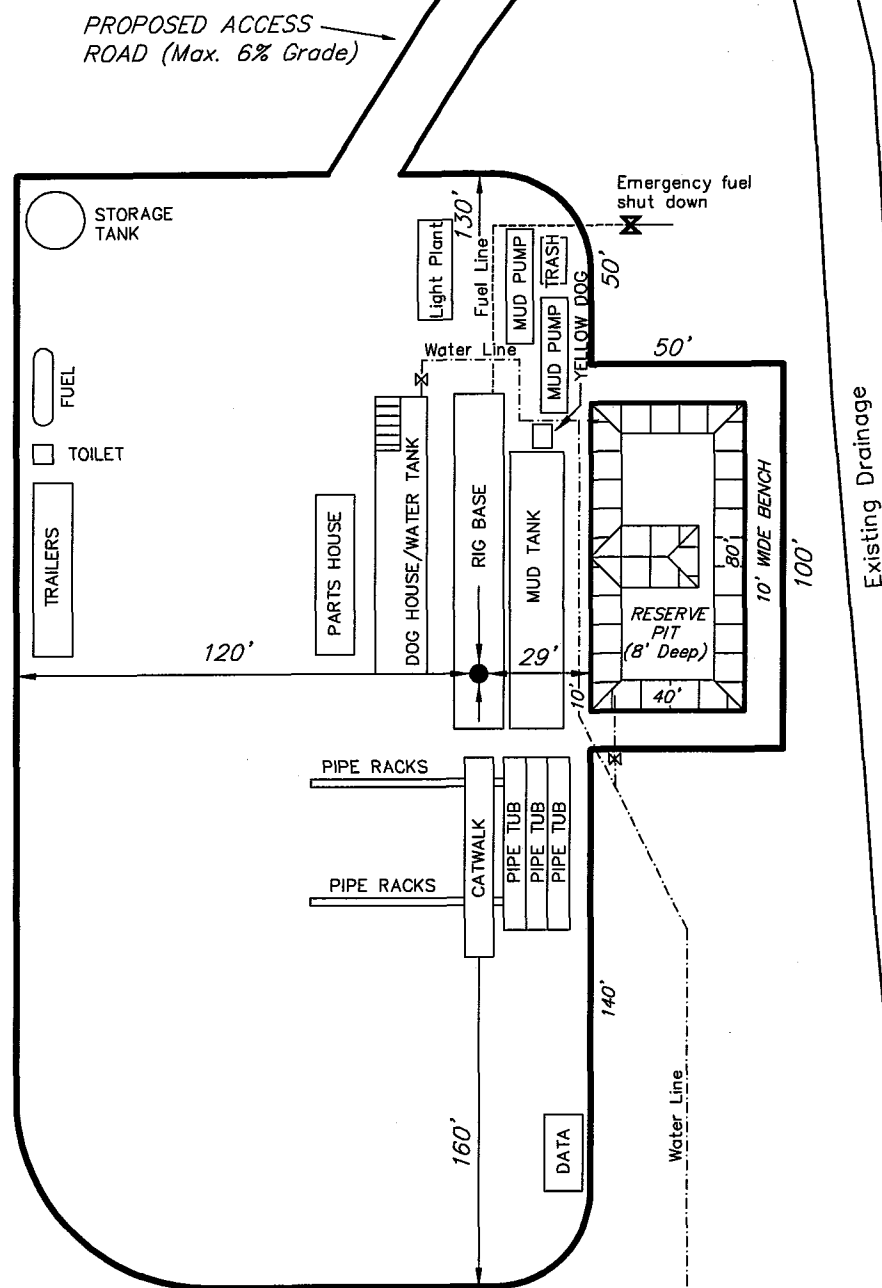
DATE: 9-12-05

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 6-9-9-16



SURVEYED BY: C.M.

SCALE: 1" = 50'

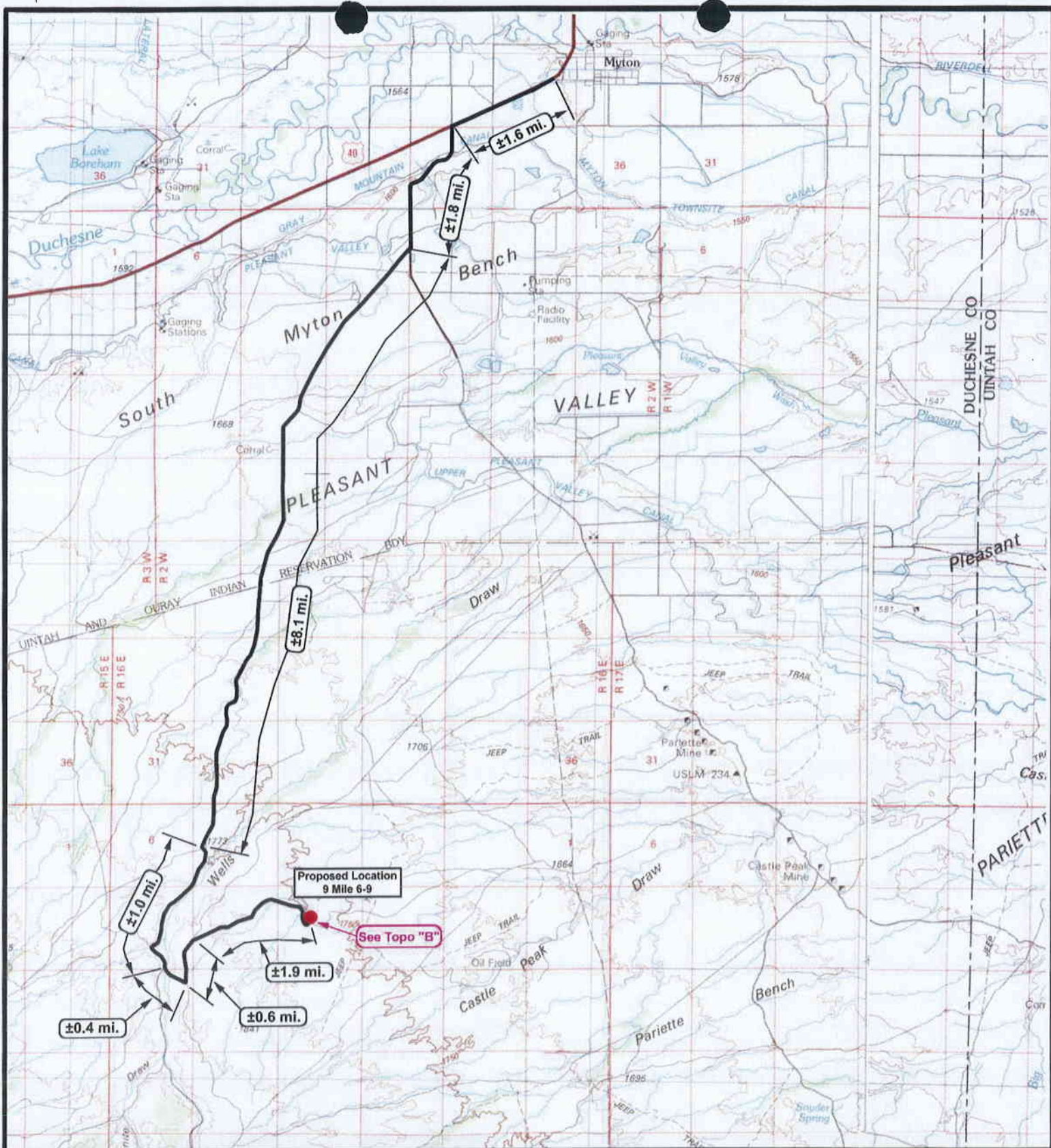
DRAWN BY: F.T.M.

DATE: 9-12-05

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



NEWFIELD
Exploration Company

9 Mile 6-9-9-16
SEC. 9, T9S, R16E, S.L.B.&M.



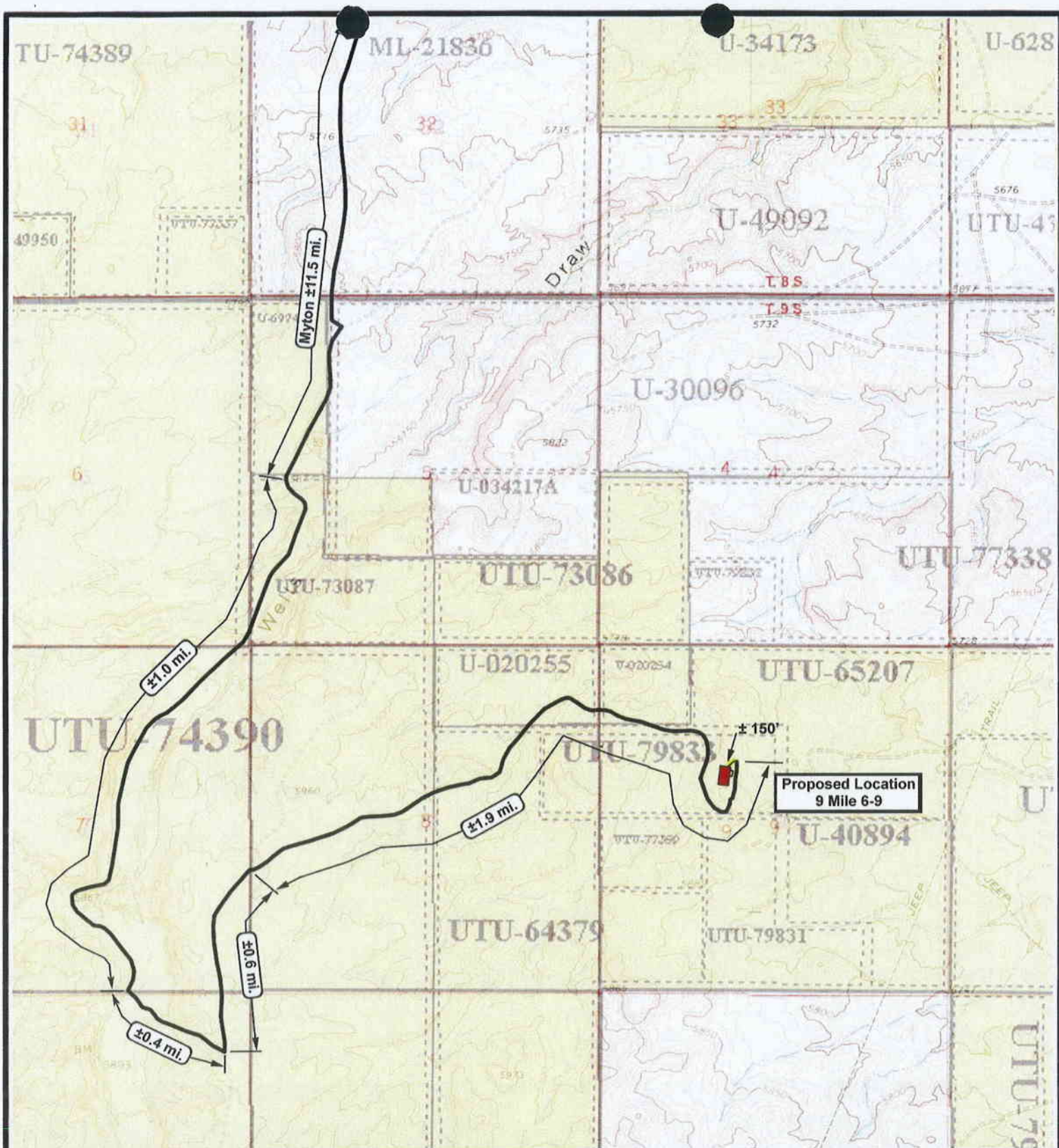
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 10-11-2005

Legend
— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

9 Mile 6-9-9-16
SEC. 9, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

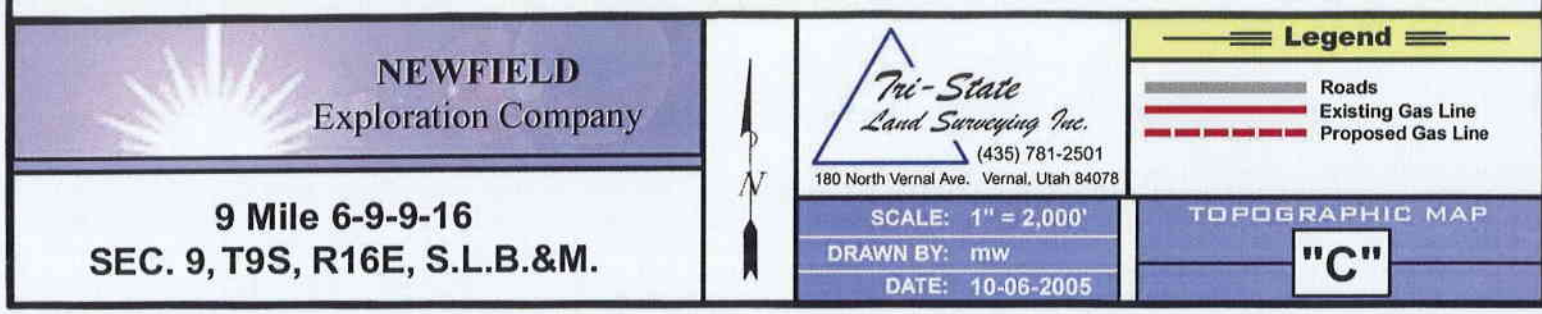
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 10-11-2005

Legend

Existing Road
Proposed Access

TOPOGRAPHIC MAP

"B"



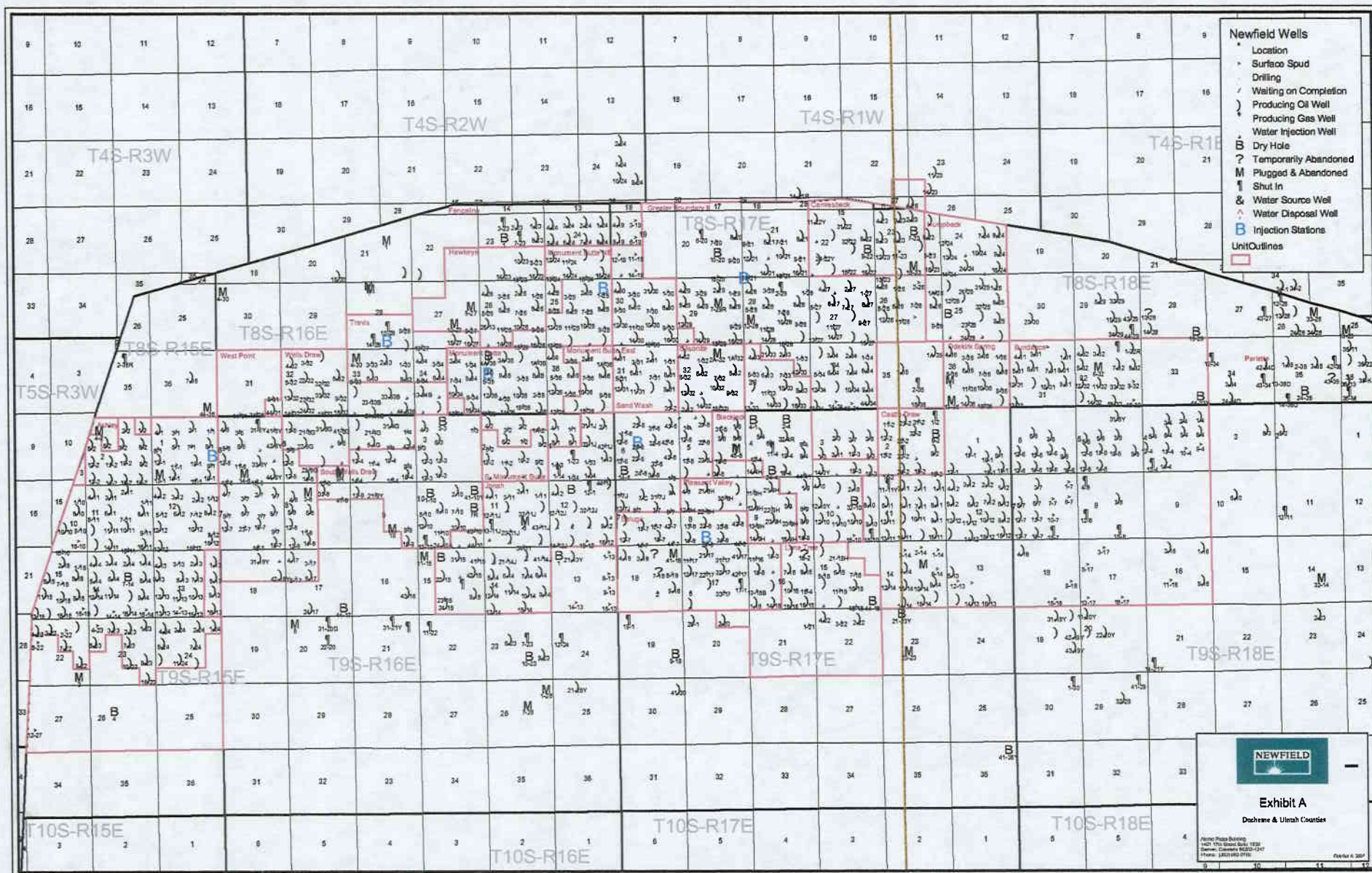
9 Mile 6-9-9-16
SEC. 9, T9S, R16E, S.L.B.&M.

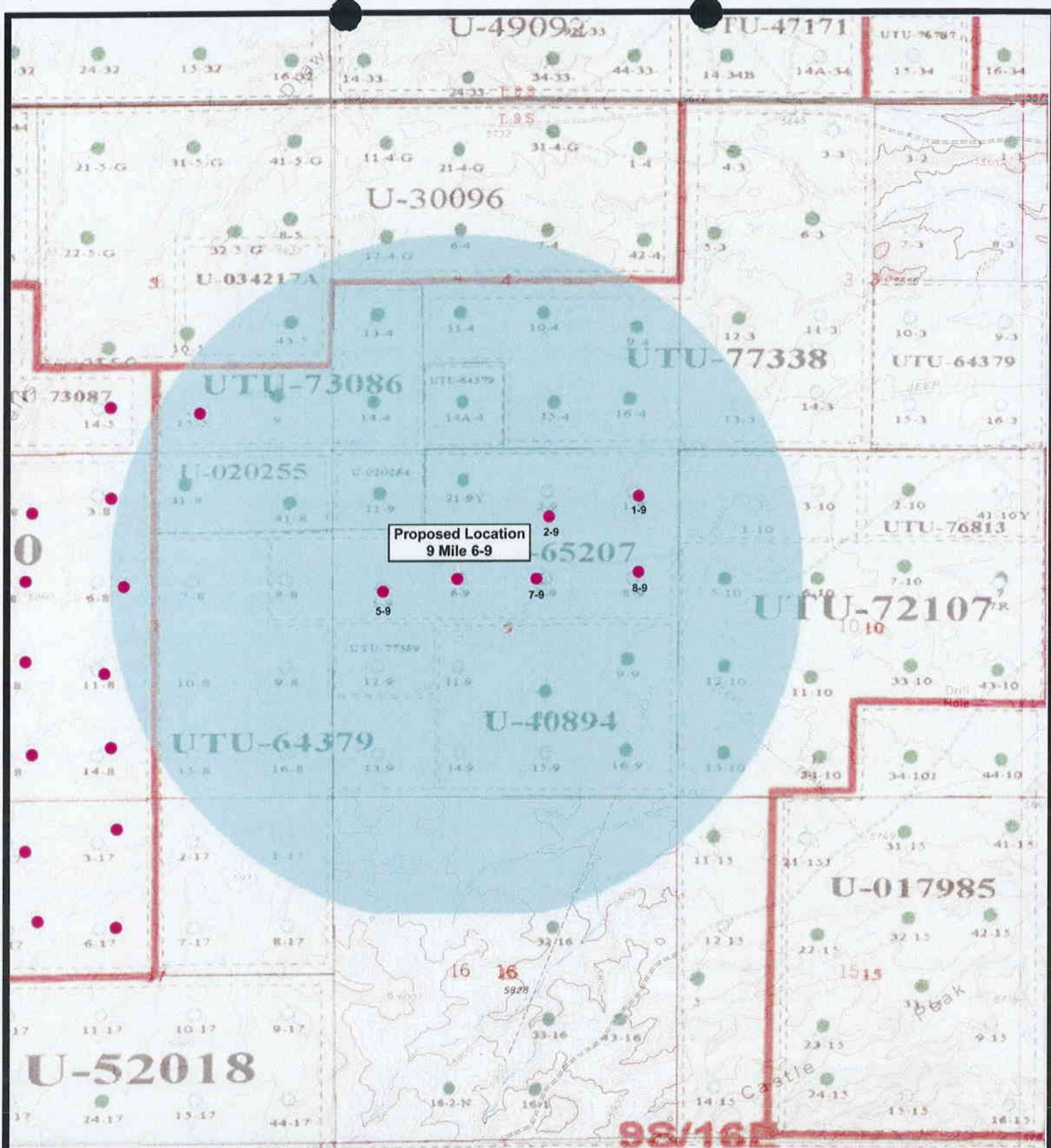


SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 10-06-2005

TOPOGRAPHIC MAP

"C"





NEWFIELD
Exploration Company

9 Mile 6-9-9-16
SEC. 9, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: mw
DATE: 10-07-2005

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

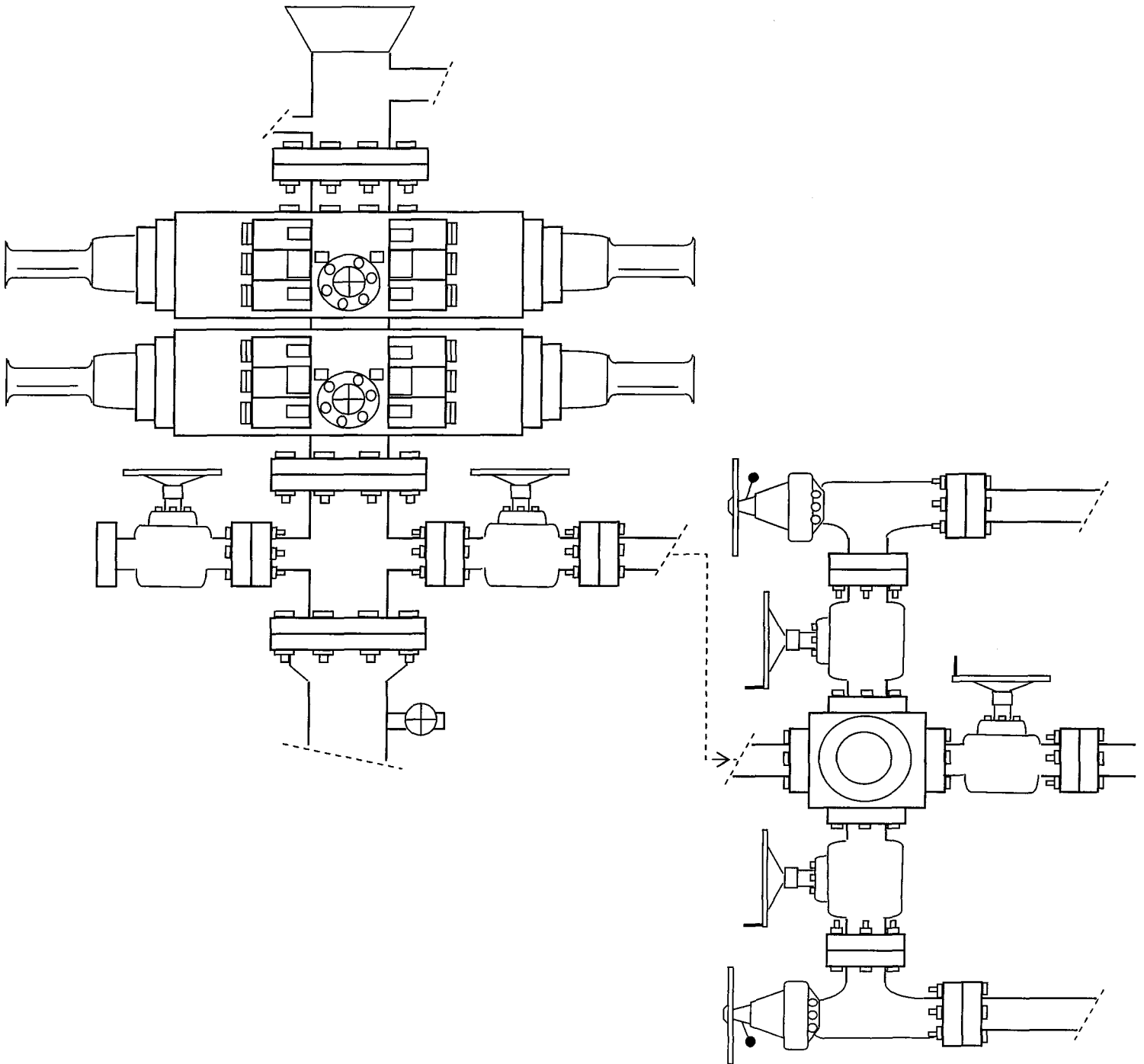


EXHIBIT C

A CULTURAL RESOURCE SURVEY OF THE SOUTH WELLS DRAW UNIT,

DUCHESNE COUNTY, UTAH

by

Ann Polk
and
Danielle Diamond

Prepared for:

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079-0233

Prepared by:

Sagebrush Consultants, L.L.C.
3670 Quincy Avenue, Suite 203
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 97-UT-54630

and

Utah State Antiquities Permit No. U-97-SJ-0780b.

Archaeological Report No. 1030-01

April 23, 1998

PALEONTOLOGICAL FIELD SURVEY REPORT

INLAND PRODUCTION COMPANY

SOUTH WELLS DRAW UNIT

SECTIONS 4, 5, 8, 9, AND 17

TOWNSHIP 9 SOUTH, RANGE 16 EAST

DUCHESNE COUNTY, UTAH

March 7, 1998



Uinta #98-2A

BY

**SUE ANN BILBEY, Ph.D.
GEOLOGIST AND PALEONTOLOGIST
UINTA PALEONTOLOGICAL ASSOCIATES
446 SOUTH 100 WEST
VERNAL, UTAH 84078
801-789-1033**

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/16/2005

API NO. ASSIGNED: 43-013-32957

WELL NAME: FEDERAL 6-9-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SENW 09 090S 160E

SURFACE: 1969 FNL 1974 FWL

BOTTOM: 1969 FNL 1974 FWL

DUCHESNE

MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-79833

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.04719

LONGITUDE: -110.1261

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT0056)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. MUNICIPAL)

☒ RDCC Review (Y/N)

(Date: _____)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

 R649-2-3.

Unit _____

☒ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

 R649-3-3. Exception

 Drilling Unit

Board Cause No: _____

Eff Date: _____

Siting: _____

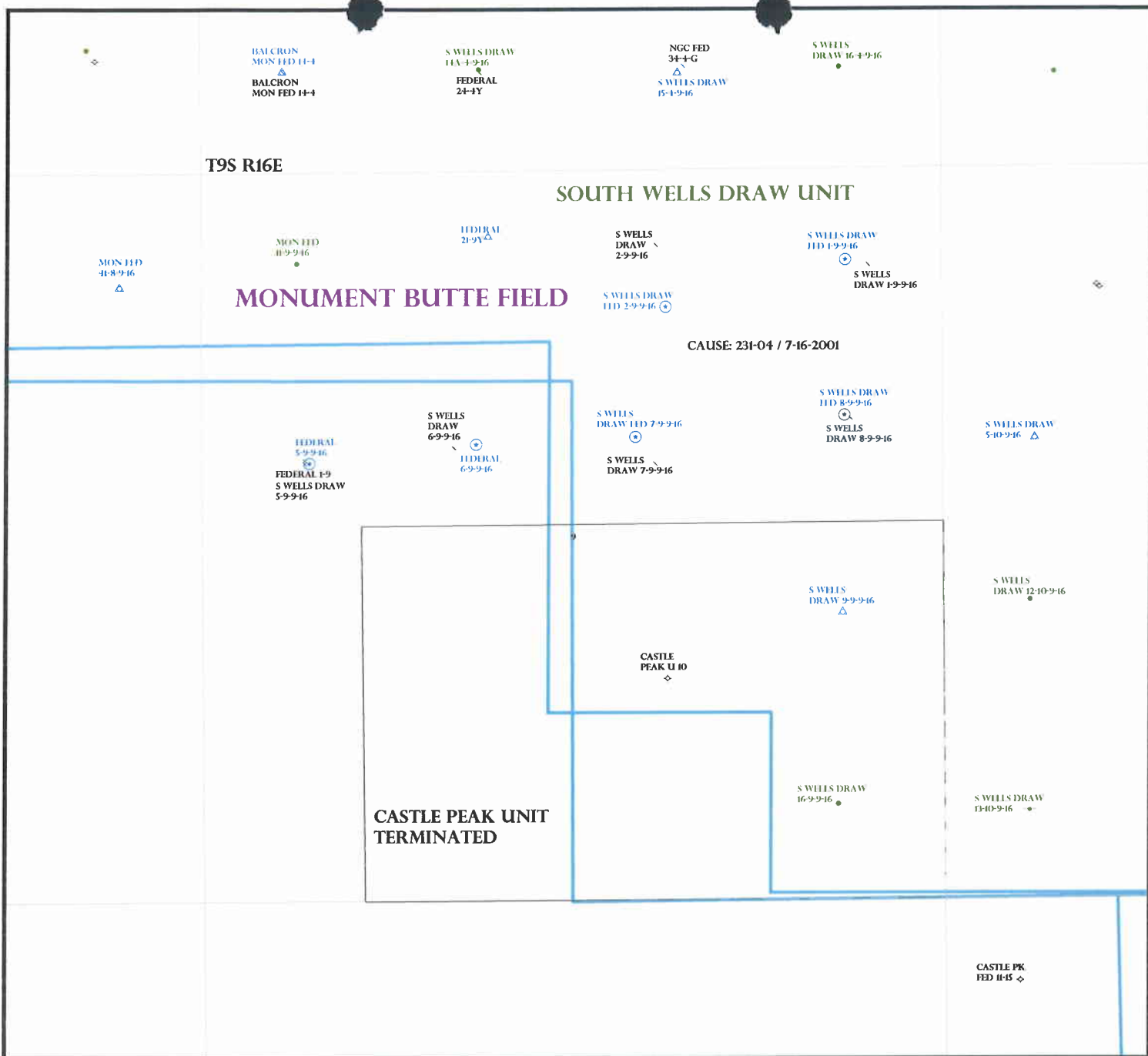
 R649-3-11. Directional Drill

COMMENTS: _____

Sep. Separate file

STIPULATIONS: _____

1- Federal Approved
2- Spacing Strip



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 9 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

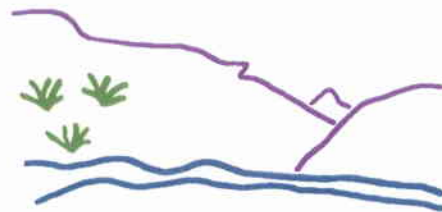
SPACING: R649-3-2 / GENERAL SITING

Field Status
 [Black Box] ABANDONED
 [Red Box] ACTIVE
 [Green Box] COMBINED
 [Blue Box] INACTIVE
 [Yellow Box] PROPOSED
 [Pink Box] STORAGE
 [White Box] TERMINATED

Unit Status
 [White Box] EXPLORATORY
 [Light Blue Box] GAS STORAGE
 [Light Green Box] NF PP OIL
 [Light Yellow Box] NF SECONDARY
 [Light Purple Box] PENDING
 [Light Blue Box] PI OIL
 [Light Green Box] PP GAS
 [Light Yellow Box] PP GEOTHERML
 [Light Purple Box] PP OIL
 [Light Blue Box] SECONDARY
 [White Box] TERMINATED

Wells Status

[Red Star] GAS INJECTION
 [Red Star] GAS STORAGE
 [Red Star] LOCATION ABANDONED
 [Blue Circle] NEW LOCATION
 [Black Circle] PLUGGED & ABANDONED
 [Black Circle] PRODUCING GAS
 [Black Circle] PRODUCING OIL
 [Black Circle] SHUT-IN GAS
 [Black Circle] SHUT-IN OIL
 [Black Circle] TEMP. ABANDONED
 [Black Circle] TEST WELL
 [Blue Circle] WATER INJECTION
 [Blue Circle] WATER SUPPLY
 [Blue Circle] WATER DISPOSAL
 [Red Circle] DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
 DATE: 17-NOVEMBER-2005



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

ION M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

November 17, 2005

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 6-9-9-16 Well, 1969' FNL, 1974' FWL, SE NW, Sec. 9, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32957.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 6-9-9-16
API Number: 43-013-32957
Lease: UTU-79833
Location: SE NW Sec. 9 T. 9 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-79833

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
FEDERAL 6-9-9-16

9. API Well No.
43-013-32957

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1969 FNL 1974 FWL SE/NW Section 9, T9S R16E

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 11/17/05 (expiration 11/17/06).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

RECEIVED
OCT 30 2006
DIV. OF OIL, GAS & MINING

Date: 10-30-06
By: [Signature]

10-31-06
10:31 PM

*I hereby certify that the foregoing is true and correct.

Signed

[Signature]
Mandie Crozier

Regulatory Specialist

Date

10-17-2006

CC: BLM DOGM

(This space for Federal or State office use)

Approved by

Date

RESET

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-32957
Well Name: Federal 6-9-9-16
Location: SE/NW Section 9, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 11/17/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐ NA

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

10/27/2006

Date

Title: Regulatory Specialist

RECEIVED

OCT 30 2006

Representing: Newfield Production Company

DIV. OF OIL, GAS & MINING

NOV 16 2005

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

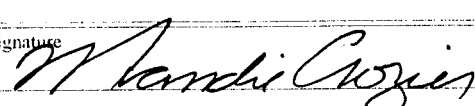
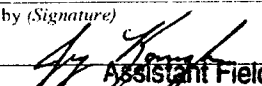
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-79833
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 6-9-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NW 1969' FNL 1974' FWL At proposed prod. zone		9. API Well No. 43.013.32957
10. Field and Pool, or Exploratory Monument Butte		11. Sec., T., R., M., or Blk. and Survey or Area SE/NW Sec. 9, T9S R16E
12. County or Parish Duchesne		13. State UT
14. Distance in miles and direction from nearest town or post office* Approximatley 15.4 miles southwest of Myton, Utah		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 666' f/lse, NA' f/unit	16. No. of Acres in lease 440.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1331'	19. Proposed Depth 6080'	20. BLM/BIA Bond No. on file UT0056
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5782' GL	22. Approximate date work will start* 1st Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Accepted by the Utah Division of Oil, Gas and Mining Date 11/14/05
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenccka	FOR RECORD ONLY Date 1-24-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212. make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
RECEIVED

JAN 30 2007

DIV. OF OIL, GAS & MINING

07BM4639A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 6-9-9-16
API No: 43-013-32957

Location: SENW, Sec 9, T9S, R16E
Lease No: UTU-79833
Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Melissa Hawk	435-781-4476	435-828-7381
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lease Notices from RMP: Lands in this lease have been identified as containing Golden eagle habitat. Modifications to the Surface Use Plan of Operations may be required in order to protect the Golden eagle and/or habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Comments: The Division of Wildlife Resources has designated lands in this area as containing potential antelope habitat and Mountain plover habitat.
- The well pad and access/pipeline require monitoring by a qualified Paleontologist prior to and during any surface disturbing activities.
- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.

- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

The interim seed mix for this location shall be:

Crested wheat grass	(<i>Agropyron cristatum</i>):	4 lbs/acre
Needle and Thread grass	(<i>Stipa comata</i>):	4 lbs/acre
Indian Rice grass	(<i>Achnatherum hymenoides</i>):	4 lbs/acre

All pounds are in pure live seed.

- Rates are set for drill seeding; double the rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread , and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and / or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be

reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 6-9-9-16

Api No: 43-013-32957 Lease Type: FEDERAL

Section 09 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 02/19/07

Time 9:30 AM

How DRY

Drilling will Commence: _____

Reported by TROY ZUFEIT

Telephone # (435) 823-6013

Date 02/20/2007 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84062

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	13269	43-013-32986	S WELLS DRAW 8-3-9-16	SE/NE	3	9S	16E	DUCHESNE	2/20/2007	2/22/07

WELL 1 COMMENTS: **GRUV**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15944	43-047-38613	HANCOCK 3-28-4-1	NE/NW	26	4S	1E	UINTAH	2/17/2007	2/22/07

WELL 2 COMMENTS: **GRUV**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15945	43-047-38601	HANCOCK 13-23-4-1	SW/SW	23	4S	1E	UINTAH	2/15/2007	2/22/07

WELL 3 COMMENTS: **GRUV**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15946	43-013-32957	FEDERAL S WELLS DRAW 6-9-8-18	SE/NW	9	9S	16E	DUCHESNE	2/19/2007	2/22/07

WELL 4 COMMENTS: **GRUV**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	13195	43-013-33218	MON BUTTE STATE H-2-8-18	SE/NW	2	9S	16E	DUCHESNE	2/7/2007	2/22/07

WELL 5 COMMENTS: **GRUV BHL = NW**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 6 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - entry for new well (single well only)
- B - to existing entity (group or unit well)
- C - new existing entity to existing well
- D - new existing entity to a new well
- E - update in comment section

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED RECEIVED
FEB 1 2007 FEB 2 1 2007

DIV. OF OIL, GAS & MINING
DIV. OF OIL, GAS & MINING

Lana Nebeker
Signature
Lana NEBEKER
Production Analyst
February 21, 2006
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
USA UTU-79833
6. If Indian, Allottee or Tribe Name.
7. If Unit or CA/Agreement, Name and/or

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SENW Section 9 T9S R16E

8. Well Name and No.
FEDERAL 6-9-9-16

9. API Well No.
4301332957

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 2/19/07 MIRU NDSI NS # 1. Spud well @ 9:30 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgr. Set @ 323.87 KB. On 2/23/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 4 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jim Smith

Signature

Title

Drilling Foreman

Date

03/06/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

MAR 07 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 323.87

LAST CASING 8 5/8" set @ 323.87
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR **Newfield Production Company**
 WELL Federal 6-9-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.48'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	311.37
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			313.87
TOTAL LENGTH OF STRING		313.87	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			323.87
TOTAL		312.02	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		312.02	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	2/19/2007	9:30am	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		2/20/2007	9:15am	Bbls CMT CIRC TO SURFACE <u>4</u>			
BEGIN CIRC		2/23/2007	8:48am	RECIPROCATED PIPE FOR <u>N/A</u>			
BEGIN PUMP CMT		2/23/2007	9:01am				
BEGIN DSPL. CMT		2/23/2007	9:12am	BUMPED PLUG TO <u>120</u> PSI			
PLUG DOWN		2/23/2007	9:20am				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Jim Smith DATE 2/22/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
USA UTU-79833

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 6-9-9-16

9. API Well No.
4301332957

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SENW Section 9 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 2/27/07 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 292'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6050'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 138 jt's of 5.5 J-55, 15.5# csgn. Set @ 6120' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 25 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 100,000 #'s tension. Release rig @ 12:00 AM on 3/4/07.

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Justin Crum
Signature

Title
Drilling Foreman

Date
03/14/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title
Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

MAR 19 2007

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6112.17

Flt cllr @ 6054.59'

LAST CASING 8 5/8" SET AT 323'

OPERATOR Newfield Production Company

DATUM 12

WELL Federal 6-9-9-16

DATUM TO CUT OFF CASING 12

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI Rig # 1

TD DRILLER 6120' LOGGER 6129'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt @ 4023' 6.89'					
137	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6054.59
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.33
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6114.17
TOTAL LENGTH OF STRING		6114.17	138	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		266.76	6	CASING SET DEPTH			6112.17
TOTAL		6365.68	144	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6365.68	144				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		3/3/2007	1:00 PM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		3/3/2007	4:30 PM	Bbls CMT CIRC TO SURFACE <u>25 bbls</u>			
BEGIN CIRC		3/3/2007	4:30 PM	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT		3/3/2007	5:30 PM	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN DSPL. CMT		3/3/2007	6:30 PM	BUMPED PLUG TO <u>1943</u> PSI			
PLUG DOWN		3/3/2007	7:00 PM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	300	Premilite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Justin Crum

DATE 3/4/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SENE Section 9 T9S R16E

5. Lease Serial No.

USA UTU-79833

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 6-9-9-16

9. API Well No.

4301332957

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Mandie Crozier

Signature

Title

Regulatory Specialist

Date

03/29/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

MAR 30 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-79833

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER ☐

8. WELL NAME and NUMBER:
FEDERAL 6-9-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301332957

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 9, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/10/2007			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 03/28/07, attached is a daily completion status report.

RECEIVED

APR 18 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 04/10/2007

(This space for State use only)

Daily Activity Report

Format For Sundry

FEDERAL 6-9-9-16**1/1/2007 To 5/30/2007****3/20/2007 Day: 1****Completion**

Rigless on 3/19/2007 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6040' & cement top @ 14'. Perforate stage #1, CP3 sds @ 5781-91' w/ 3-1/8" Slick Guns (23 gram, .49"HE. 120°) w/ 4 spf for total of 40 shots. 144 bbls EWTR. SIFN.

3/22/2007 Day: 2**Completion**

Rigless on 3/21/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac stage #1, CP3 sds down casing w/ 14,389#'s of 20/40 sand in 290 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3609 psi. Treated @ ave pressure of 1940 w/ ave rate of 25 bpm w/ 6.5 ppg of sand. 434 bbls EWTR. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1775. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford (6K) composite flow through frac plug & 19' perf gun. Set plug @ 5340'. Perforate A1 sds A1 5218-37' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 76 shots. RU BJ & frac stage #2 w/ 80,163#'s of 20/40 sand in 599 bbls of Lightning 17 frac fluid. Open well w/ 1573 psi on casing. Perfs broke down @ 3480 psi. Treated @ ave pressure of 1785 w/ ave rate of 25 bpm w/ 8 ppg of sand. 1033 bbls EWTR. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2150. Leave pressure on well. RIH w/ frac plug & 7', 6' perf guns. Set plug @ 5060' Perforate C sds @ 4950-57' & 4938-44' w/ 4 spf for total of 52 shots. SIFN.

3/23/2007 Day: 3**Completion**

Rig #59 on 3/22/2007 - RU BJ & frac stage #3 w/ 44,913#'s of 20/40 sand in 407 bbls of Lightning 17 frac fluid. Open well w/ 739 psi on casing. Perfs broke down @ 4084 psi. Treated @ ave pressure of 1737 w/ ave rate of 25 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1940. 1440 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 14' perf gun. Set plug @ 4890'. Perforate D1 sds 4773-87' w/ 4 spf for total of 56 shots. RU BJ & frac stage #4 w/ 85,267#'s of 20/40 sand in 613 bbls of Lightning 17 frac fluid. Open well w/ 1480 psi on casing. Perfs broke down @ 3700 psi. Treated @ ave pressure of 1663 w/ ave rate of 25.1 bpm w/ 8 ppg of sand. 2053 bbls EWTR. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2055. Leave pressure on well. RU WLT. RIH w/ frac plug & 6', 4' perf guns. Set plug @ 4420'. Perforate GB6 sds 4308-14', GB4 sds @ 4276-81' w/ 4 spf for total of 44 shots. RU BJ & frac stage #5 w/ 23,837#'s of 20/40 sand in 276 bbls of Lightning 17 frac fluid. Open well w/ 1700 psi on casing. Perfs broke down @ 2322 psi. Treated @ ave pressure of 2018 w/ ave rate of 25 bpm w/ 8 ppg of sand. 2329 bbls EWTR. ISIP was 2304. RD BJ & WLT. Flow well back. Well flowed for 5 hours & died w/ bbls rec'd. SIFN.

3/27/2007 Day: 4**Completion**

Western #4 on 3/26/2007 - MIRUSU. Open well w/ 275 psi on casing. Rec'd 20 bbls water. Well flowing wtr w/ lite gas. Pump 65 bbls wtr down casing. RD BOP. Well kicked oil. RU BOP's. Flow well to production tanks. RU Perforator Inc. RIH w/ Weatherford composite solid kill plug. Set plug @ 4165'. RD Cameron BOP's & 5K

frac head. Instal 3K production head & Schaeffer BOP's. Tally & pickup new J-55, 6.5#, 8 EUE tbg off racks. TIH w/ 4-3/4" chomp bit, bit sub & 100 jts tbg. Leave tbg hang @ 3163'. SIFN. Well made 53 bbls oil & 130 bbls water.

3/28/2007 Day: 5

Completion

Western #4 on 3/27/2007 - Open well w/ 0 psi on tbg & csg. Continue TIH w/ tbg to tag 10' of fill on top of Kill plug @ 4165'. RU pump & swivel. Drlg up plug in 24 min. TIH w/ tbg to tag plug @ 4420'. Drlg up plug #2. TIH w/ tbg to tag 10' sand on plug #3. Drlg up plug. TIH w/ tbg to tag plug @ 5060'. Drlg up plug #4. TIH w/ tbg to tag plug @ 5340'. Drlg up plug #5. TIH w/ tbg to tag sand 5948'. Circulate well clean to PBTD @ 6067'. TOOH w/ 3 jts tbg to 6000'. RU swab. Made 8 runs to rec'd 145 bbls fluid (well flowed for 74 bbls). IFL was surface. SIFN.

3/29/2007 Day: 6

Completion

Western #4 on 3/28/2007 - Bleed pressure off well. Stays flowing fairly strong. Circ oil & gas f/ well. Flowing sm amt. TIH W/ tbg. Tag PBTD @ 6067' (no new fill). LD excess tbg. TOH W/ 30 jts tbg--well began flowing stronger. Circ hole again. Fairly dead. Con't TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 182 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5751' W/ SN @ 5786' & EOT @ 5850'. Land tbg W/ 16,000# tension. NU wellhead. Estimated recovery of 50 BO & 50 BW during circulating & tripping. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 15' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 115-3/4" plain rods, 99-3/4" scraped rods, 1-8' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1631 BWTR. Place well on production @ 7:00 PM 3/28/2007 W/ 86" SL @ 5 SPM. FINAL REPORT!!

Pertinent Files: Go to File List

(July 1992)

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG***1a. TYPE OF WORK**

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface 1969' FNL & 1974' FWL (SE/NW) Sec. 9, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-32957

DATE ISSUED

11/17/06

9. WELL NO.

43-013-32957

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 9, T9S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

02/19/07

16. DATE T.D. REACHED

03/02/07

17. DATE COMPL. (Ready to prod.)

03/28/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5782' GL

19. ELEV. CASINGHEAD

5794' KB

20. TOTAL DEPTH, MD & TVD

6120'

21. PLUG BACK T.D., MD & TVD

6067'

22. IF MULTIPLE COMPL., HOW MANY***23. INTERVALS DRILLED BY**

----->

ROTARY TOOLS

X

CABLE TOOLS**24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)***

Green River 4276'-5237'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN.

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	324'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6112'	7-7/8"	300 sx Premite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5850'	TA @ 5751'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP3) 5781'-5791'	.49"	4/40	5781'-5791'	Frac w/ 14,389# 20/40 sand in 290 bbls fluid
(A1) 5218'-5237'	.43"	4/76	5218'-5237'	Frac w/ 80,163# 20/40 sand in 599 bbls fluid
(C) 4950'-57', 4938', 44'	.43"	4/52	4938'-4957'	Frac w/ 44,913# 20/40 sand in 407 bbls fluid
(D1) 4773'-4787'	.43"	4/56	4773'-4787'	Frac w/ 85,267# 20/40s and in 613 bbls fluid
(GB6 & 4) 4308'-14', 4276'-81'	.43"	4/44	4276'-4314'	Frac w/ 23,837# 20/40s and in 276 bbls fluid

33.***PRODUCTION**

DATE FIRST PRODUCTION 03/28/07		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 325	GAS--MCF. 0	WATER--BBL. 17		GAS-OIL RATIO 0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.	WATER--BBL.		OIL GRAVITY-API (CORR.)	
RECEIVED								

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WELLS USED BY
APR 18 2007**35. LIST OF ATTACHMENTS**

DIV. OF OIL, GAS & MINING

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jentri Park

TITLE

Production Clerk

DATE

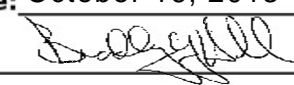
4/11/2007

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 6-9-9-16	Garden Gulch Mkr	3745'	
				Garden Gulch 1	3959'	
				Garden Gulch 2	4071'	
				Point 3 Mkr	4327'	
				X Mkr	4591'	
				Y-Mkr	4626'	
				Douglas Creek Mkr	4745'	
				BiCarbonate Mkr	4986'	
				B Limestone Mkr	5101'	
				Castle Peak	5625'	
				Basal Carbonate	6073'	
				Total Depth (LOGGERS	6129'	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79833
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 6-9-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1969 FNL 1974 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 09 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013329570000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/25/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 12/25/2012 at approximately 3:45 am a water trailer rolled spilling produced water onto the road. As the driver proceeded through the intersection near the 6-9-9-16 he was unable to swing wide enough to keep his trailer away from the hillside on the left side of his trailer due to the snow. The left side trailer tires went up on the hillside causing the trailer to roll onto the passenger side and partially onto its top. As the trailer rolled it broke/damaged the man way bolts on the first and second man ways on top of the trailer allowing water to leak from the trailer. Approximately 20 bbls of clean production water leaked from the trailer before the water could be pulled out with other water trucks. All water stayed on the roadway. Nobody was injured in this incident. All water that was able to be picked up was removed. This incident was reported to Chris Jensen at 11:30 am.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 30, 2013		
NAME (PLEASE PRINT) Tim Eaton	PHONE NUMBER 465 646-4858	TITLE Regulatory Tech
SIGNATURE N/A		DATE 1/14/2013

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79833
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/4/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The subject well has been converted from a producing oil well to an injection well on 10/02/2013. On 10/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/04/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.</p>		
Accepted by the Utah Division of Oil, Gas and Mining Date: October 16, 2013 By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/8/2013	

Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____

Date 10/4/13Time 9:00am pmTest Conducted by: Riley Bogle

Others Present: _____

Well: Federal 6-9-9-16Field: Monument B-HWell Location: Federal 6-9-9-16API No: 4301332957**Time****Casing Pressure**

0 min	<u>1325</u>	psig
5	<u>1325</u>	psig
10	<u>1325</u>	psig
15	<u>1325</u>	psig
20	<u>1325</u>	psig
25	<u>1325</u>	psig
30 min	<u>1325</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: Ø

psig

Result:

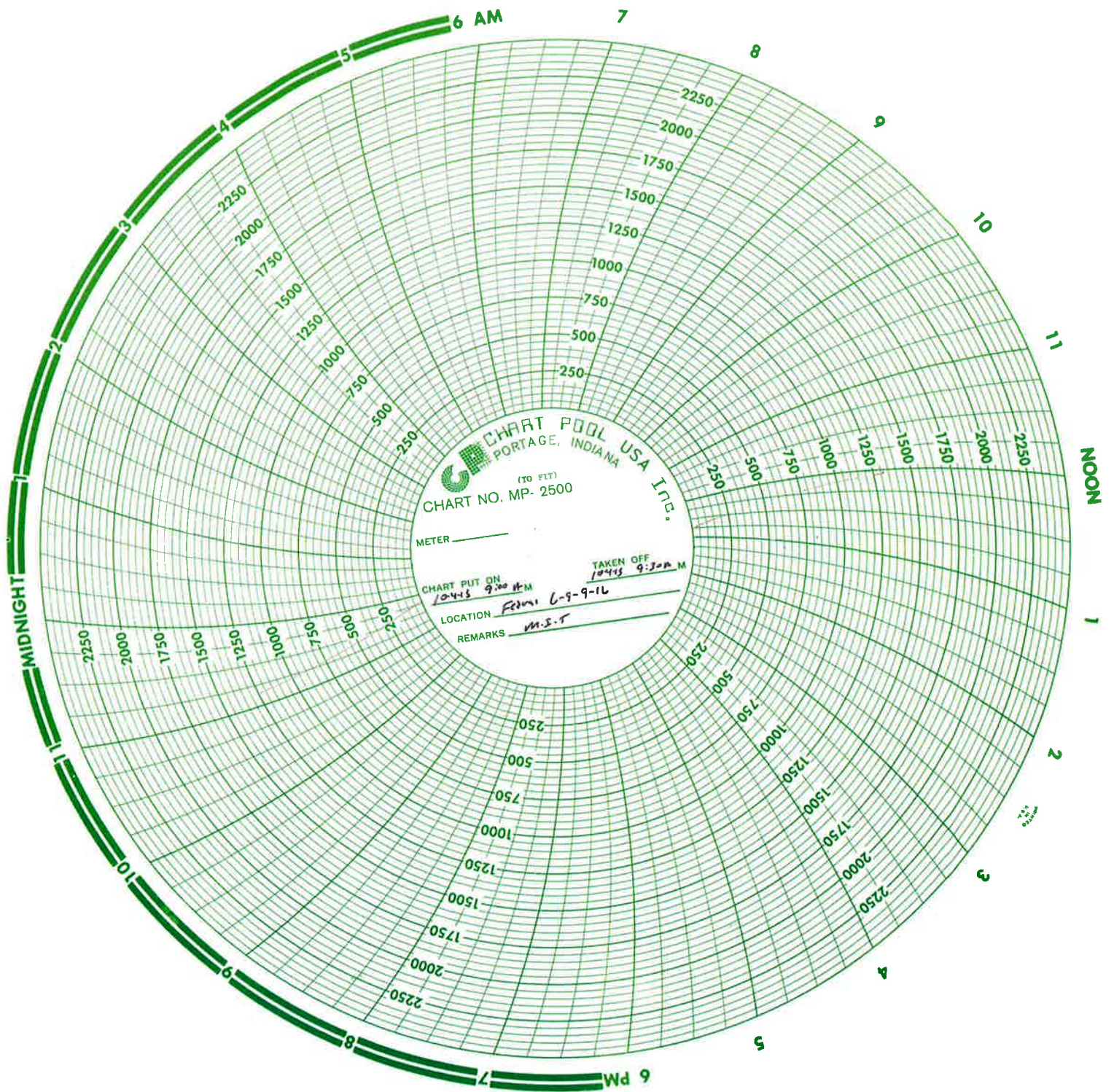
Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Riley Bogle

Sundry Number: 43480 API Well Number: 43013329570000



Daily Activity Report

Format For Sundry

FEDERAL 6-9-9-16

8/1/2013 To 12/30/2013

10/3/2013 Day: 2

Conversion

Wildcat Energy Services #2 on 10/3/2013 - RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID - 12:00 pm to 1:00pm RU RIG Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL - 12:00 pm to 1:00pm RU RIG Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL - 12:00 pm to 1:00pm RU RIG Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 12:00 pm to 1:00pm RU RIG Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL - 12:00 pm to 1:00pm RU RIG

Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 12:00 pm to 1:00pm RU RIG Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL - 12:00 pm to 1:00pm RU RIG Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 12:00 pm to 1:00pm RU RIG Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL **Finalized**

Daily Cost: \$0

Cumulative Cost: \$23,773

10/7/2013 Day: 3

Conversion

Rigless on 10/7/2013 - Conduct Initial MIT - On 10/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/04/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test.

There was not a State representative available to witness the test. - On 10/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/04/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/04/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/04/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$49,485

Pertinent Files: Go to File List

Spud Date: 02/19/07
 Put on Production: 03/28/07
 GL: 5782' KB: 5794'

Federal 6-9-9-16

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (311.37')
 DEPTH LANDED: 323.87' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (6098.92')
 DEPTH LANDED: 6112.17' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem, Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 133 jts (4190.1')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4202.1' KB
 ON/OFF TOOL AT: 4203.2'
 ARROW #1 PACKER CE AT: 4208.4'
 XO 2-3/8 x 2-7/8 J-55 AT: 4212'
 TBG PUP 2-3/8 J-55 AT: 4212.5'
 X/N NIPPLE AT: 4216.6'
 TOTAL STRING LENGTH: EOT @ 4218.46'

Cement Top @ 14'

SN @ 4202'

On Off Tool @ 4203'

Packer @ 4208'

X/N Nipple @ 4217'
 EOT @ 4218'

4276-4281'

4308-4314'

4773-4787'

4938-4944'
 4950-4957'

5218-5237'

5781-5791'

PBTD @ 6067'

TD @ 6120'

FRAC JOB

03/21/07 6221-6229'

Frac CP3 sands as follows:

14389# 20/40 sand in 290 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 25 BPM. ISIP 1775 psi. Calc flush: 6219 gal. Actual flush: 5250 gal.

03/21/07 5218-5237'

Frac A1 sands as follows:

80163# 20/40 sand in 599 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 25 BPM. ISIP 2150 psi. Calc flush: 5216 gal. Actual flush: 4704 gal.

03/22/07 4938-4957'

Frac C sands as follows:

44913# 20/40 sand in 407 bbls Lightning 17 frac fluid. Treated @ avg press of 1737 psi w/avg rate of 25 BPM. ISIP 1940 psi. Calc flush: 4936 gal. Actual flush: 4410 gal.

03/22/07 4773-4787'

Frac D1 sands as follows:

85267# 20/40 sand in 613 bbls Lightning 17 frac fluid. Treated @ avg press of 1663 psi w/avg rate of 25.1 BPM. ISIP 2055 psi. Calc flush: 4771 gal. Actual flush: 2055 gal.

03/22/07 4314-4276'

Frac GB6 & GB4 sands as follows:

23837# 20/40 sand in 276 bbls Lightning 17 frac fluid. Treated @ avg press of 2018 psi w/avg rate of 25 BPM. ISIP 2304 psi. Calc flush: 4312 gal. Actual flush: 4200 gal.

01/03/2012

Pump Change. Updated rod & Tubing detail

01/30/2012

Parted rods. Updated rod & tubing detail

3/9/12

Parted rods: Updated rod & tubing detail

10/02/13

Convert to Injection Well

10/04/13

Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

03/19/07	5781-5791'	4 JSPF	40 holes
03/21/07	5218-5237'	4 JSPF	76 holes
03/21/07	4950-4957'	4 JSPF	28 holes
03/21/07	4938-4944'	4 JSPF	24 holes
03/22/07	4773-4787'	4 JSPF	56 holes
03/24/07	4308-4314'	4 JSPF	24 holes
03/22/07	4276-4281'	4 JSPF	20 holes

NEWFIELD

FEDERAL 6-9-9-16

1969' FNL & 1994' FWL

SE/NW Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-32957; Lease # UTU-79833

LCN 10/07/13

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79833
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 6-9-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1969 FNL 1974 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 09 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013329570000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/21/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> The above reference well was put on injection at 11:30 AM on 10/21/2013. </div> <div style="width: 35%; text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 22, 2013 </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/21/2013	

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

May 8, 2013

RECEIVED

MAY 09 2013

DIV. OF OIL, GAS & MINING

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #6-9-9-16
Monument Butte Field, Lease #UTU-79833
Section 9-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #6-9-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg
Environmental Manager

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #6-9-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-79833
MAY 8, 2013

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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Federal #6-9-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-79833
Well Location: QQ SE W section 9 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐
Disposal? Yes ☐ No ☒
Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

Date of test: _____


API number: 43-013-32957

Proposed injection interval: from 4071 to 6067
Proposed maximum injection: rate 500 bpd pressure 1735 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Environmental Manager Date 5/8/13
Phone No. (303) 893-0102

(State use only)

Application approved by _____ Title _____
Approval Date _____

Comments:

FEDERAL 6-9-9-16

Spud Date: 02/19/07
Put on Production: 03/28/07
GL: 5782' KB: 5794'

Initial Production: BOPD,
MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.37')
DEPTH LANDED: 323.87' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (6098.92')
DEPTH LANDED: 6112.17' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

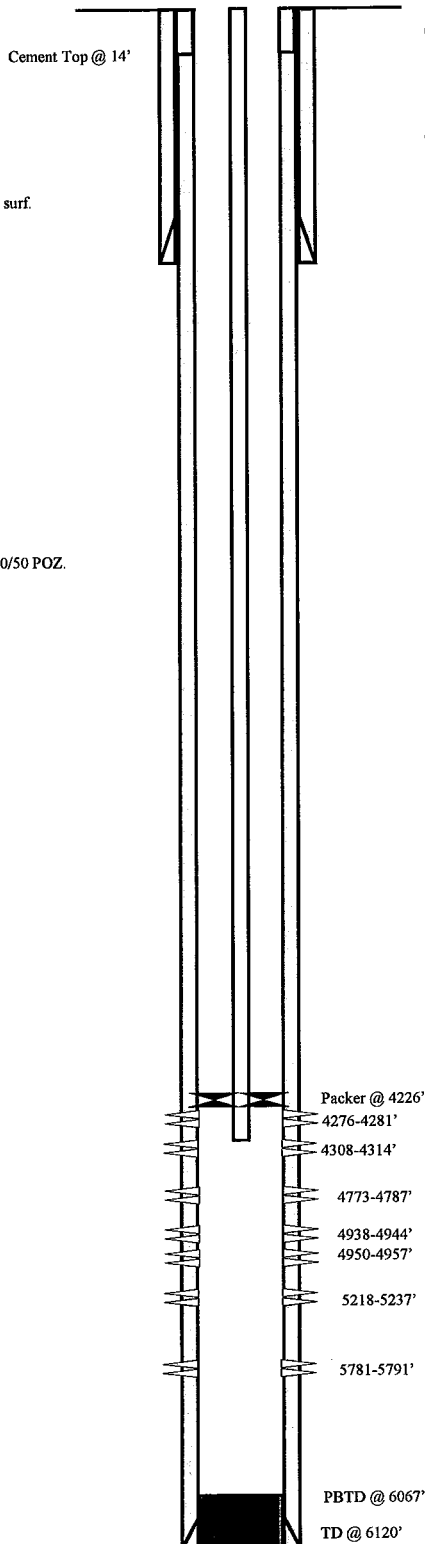
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 182 jts (5733.5')
TUBING ANCHOR: 5745.5' KB
NO. OF JOINTS: 1 jts (31.5')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5779.8' KB
NO. OF JOINTS: 2 jts (63.2')
TOTAL STRING LENGTH: EOT @ 5845' KB

FRAC JOB

03/21/07	6221-6229'	Frac CP3 sands as follows: 14389# 20/40 sand in 290 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 25 BPM. ISIP 1775 psi. Calc flush: 6219 gal. Actual flush: 5250 gal.
03/21/07	5218-5237'	Frac A1 sands as follows: 80163# 20/40 sand in 599 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 25 BPM. ISIP 2150 psi. Calc flush: 5216 gal. Actual flush: 4704 gal.
03/22/07	4938-4957'	Frac C sands as follows: 44913# 20/40 sand in 407 bbls Lightning 17 frac fluid. Treated @ avg press of 1737 psi w/avg rate of 25 BPM. ISIP 1940 psi. Calc flush: 4936 gal. Actual flush: 4410 gal.
03/22/07	4773-4787'	Frac D1 sands as follows: 85267# 20/40 sand in 613 bbls Lightning 17 frac fluid. Treated @ avg press of 1663 psi w/avg rate of 25.1 BPM. ISIP 2055 psi. Calc flush: 4771 gal. Actual flush: 2055 gal.
03/22/07	4314-4276'	Frac GB6 & GB4 sands as follows: 23837# 20/40 sand in 276 bbls Lightning 17 frac fluid. Treated @ avg press of 2018 psi w/avg rate of 25 BPM. ISIP 2304 psi. Calc flush: 4312 gal. Actual flush: 4200 gal.
01/03/2012		Pump Change. Updated rod & Tubing detail.
01/30/2012		Parted rods. Updated rod & tubing detail.
3/9/12		Parted rods. Updated rod & tubing detail

PERFORATION RECORD

03/19/07	5781-5791'	4 JSPF	40 holes
03/21/07	5218-5237'	4 JSPF	76 holes
03/21/07	4950-4957'	4 JSPF	28 holes
03/21/07	4938-4944'	4 JSPF	24 holes
03/22/07	4773-4787'	4 JSPF	56 holes
03/24/07	4308-4314'	4 JSPF	24 holes
03/22/07	4276-4281'	4 JSPF	20 holes



NEWFIELD

FEDERAL 6-9-9-16

1969'FNL & 1994' FWL

SE/NW Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-32957; Lease # UTU-79833

JL 3/6/2013

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #6-9-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #6-9-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4071' - 6067'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3745' and the TD is at 6120'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #6-9-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-79833) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 324' KB, and 5-1/2", 15.5# casing run from surface to 6112' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1735 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #6-9-9-16, for existing perforations (4276' - 6229') calculates at 0.72 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1735 psig. We may add additional perforations between 3745' and 6120'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #6-9-9-16, the proposed injection zone (4071' - 6067') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-16.

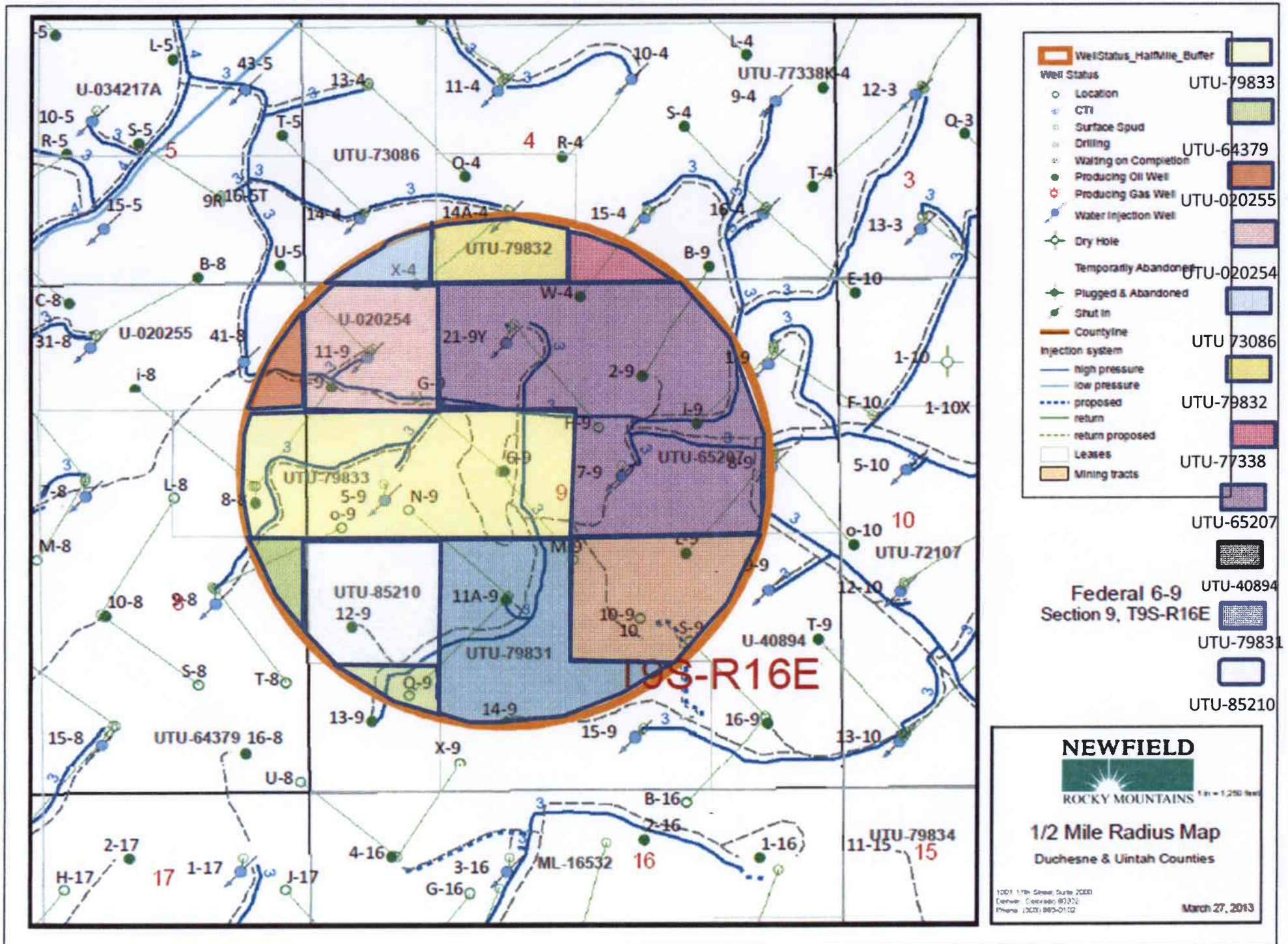
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 8: SENE Section 9: S2NW	USA UTU-79833 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3, 4 Section 19: NE, E2NW, LOTS 1, 2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 8: N2NE	USA UTU- 020255 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R16E SLM Section 9: NWNW	USA UTU- 020254 HBP	Newfield Production Company Newfield RMI LLC	USA
5	T9S-R16E SLM Section 4: W2SW Section 5: S2SE	USA UTU-73086 HBP	Newfield Production Company Newfield RMI LLC	USA
6	T9S-R16E SLM Section 3: SE Section 4: SESW	USA UTU-79832 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA

7	T9S-R16E SLM Section 3: Lots 3,4, S2NW, SW Section 4: NESW, SE	USA UTU-77338 HBP	Newfield Production Company Newfield RMI LLC	USA
8	T9S-R16E SLM Section 9: NE, NENW Section 10: N2NW	USA UTU-65207 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Corp Yates Petroleum Corp	USA
9	T9S-R16E SLM Section 9: N2SE, SESE	USA UTU-40894 HBP	Newfield Production Company Newfield RMI LLC	USA
10	T9S-R16E SLM Section 9: E2SW, SWSE	USA UTU-79831 HBP	Newfield Production Company Newfield RMI LLC	USA
11	T9S-R16E SLM Section 9: NWSW	USA UTU-85210 HBP	Newfield Production Company	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #6-9-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

Newfield Production Company
Eric Sundberg
Environmental Manager

Sworn to and subscribed before me this 8th day of May, 2013.

Notary Public in and for the State of Colorado: _____

My Commission Expires: 12/31/15

LYDIA BIONDO
Notary Public
State of Colorado

FEDERAL 6-9-9-16

Spud Date: 02/19/07
Put on Production: 03/28/07
GL: 5782' KB: 5794'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.37')
DEPTH LANDED: 323.87' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (6098.92')
DEPTH LANDED: 6112.17' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 182 jts (5733.5')
TUBING ANCHOR: 5745.5' KB
NO. OF JOINTS: 1 jts (31.5')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5779.8' KB
NO. OF JOINTS: 2 jts (63.2')
TOTAL STRING LENGTH: EOT @ 5845' KB

SUCKER RODS

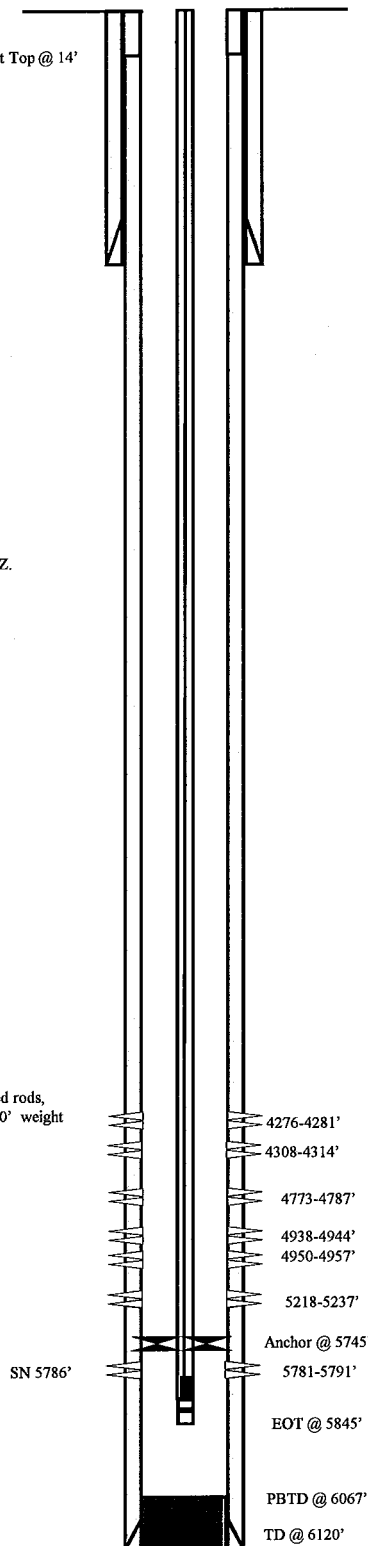
POLISHED ROD: 1-1/2" x 22' SM polished rods
SUCKER RODS: 1-2' & 1-8' x 3/4" pony rods, 97-3/4" = 2425' guided rods,
79-3/4" = 1975' sucker rods, 46-3/4" guided rods = 1150', 6-1 1/2" = 150' weight
rods. 1-1" x 4' Stabilizer Rod
PUMP SIZE: CDI 2-1/2" x 1-1/4" x 12' x 16' CDI Pump
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM:

FRAC JOB

03/21/07	6221-6229'	Frac CP3 sands as follows: 14389# 20/40 sand in 290 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 25 BPM. ISIP 1775 psi. Calc flush: 6219 gal. Actual flush: 5250 gal.
03/21/07	5218-5237'	Frac A1 sands as follows: 80163# 20/40 sand in 599 bbls Lightning 17 frac fluid. Treated @ avg press of 1785 psi w/avg rate of 25 BPM. ISIP 2150 psi. Calc flush: 5216 gal. Actual flush: 4704 gal.
03/22/07	4938-4957'	Frac C sands as follows: 44913# 20/40 sand in 407 bbls Lightning 17 frac fluid. Treated @ avg press of 1737 psi w/avg rate of 25 BPM. ISIP 1940 psi. Calc flush: 4936 gal. Actual flush: 4410 gal.
03/22/07	4773-4787'	Frac D1 sands as follows: 85267# 20/40 sand in 613 bbls Lightning 17 frac fluid. Treated @ avg press of 1663 psi w/avg rate of 25.1 BPM. ISIP 2055 psi. Calc flush: 4771 gal. Actual flush: 2055 gal
03/22/07	4314-4276'	Frac GB6 & GB4 sands as follows: 23837# 20/40 sand in 276 bbls Lightning 17 frac fluid. Treated @ avg press of 2018 psi w/avg rate of 25 BPM. ISIP 2304 psi. Calc flush: 4312 gal. Actual flush: 4200 gal
01/03/2012		Pump Change. Updated rod & Tubing detail.
01/30/2012		Parted rods. Updated rod & tubing detail.
3/9/12		Parted rods: Updated rod & tubing detail

PERFORATION RECORD

03/19/07	5781-5791'	4 JSPF	40 holes
03/21/07	5218-5237'	4 JSPF	76 holes
03/21/07	4950-4957'	4 JSPF	28 holes
03/21/07	4938-4944'	4 JSPF	24 holes
03/22/07	4773-4787'	4 JSPF	56 holes
03/24/07	4308-4314'	4 JSPF	24 holes
03/22/07	4276-4281'	4 JSPF	20 holes



NEWFIELD

FEDERAL 6-9-9-16

1969' FNL & 1994' FWL

SE/NW Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-32957; Lease # UTU-79833

Federal 8-8-9-16

Spud Date: 1-25-07
Put on Production: 5-1-07

GL: 5862' KB: 5874'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311.37')
DEPTH LANDED: 323.22' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6189.94')
DEPTH LANDED: 6203.19' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 94'

TUBING

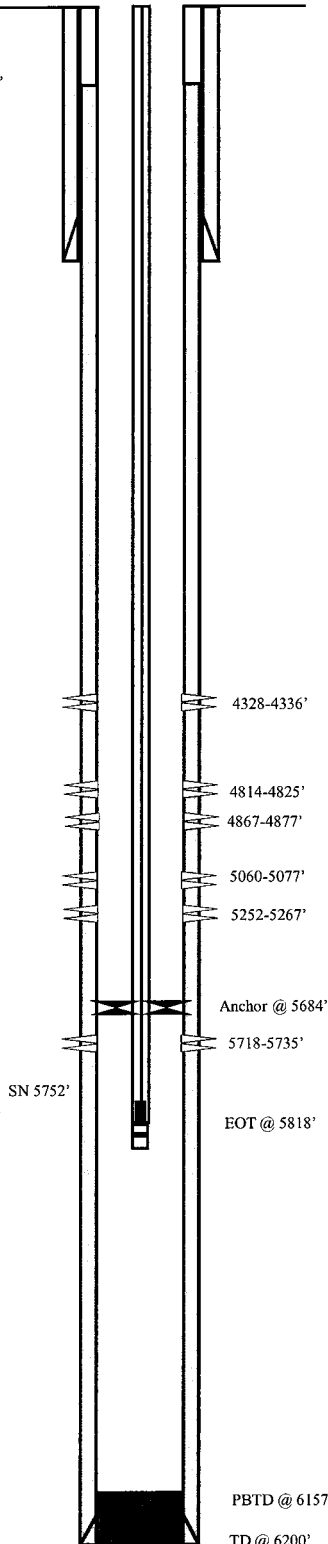
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 192 jts (6066.48')
TUBING ANCHOR: 5684.32' KB
NO. OF JOINTS: 1 jts (31.64')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5751.67' KB
NO. OF JOINTS: 2 jts (63.14')
TOTAL STRING LENGTH: EOT @ 5817.80' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2' X 3/4" pony rods, 99- 3/4" guided rods, 129- 3/4" plain rods, 10- 3/4" guided rods, 6- 1 1/2" weighted rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

Cement top @ 94'




Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

04-23-07	5718-5735'	Frac CPl sands as follows: 80674# 20/40 sand in 619 bbls Lightning 17 frac fluid. Treated @ avg press of 2351 psi w/avg rate of 24.8 BPM. ISIP 2148 psi. Calc flush: 5716 gal. Actual flush: 5208 gal.
04-24-07	5252-5267'	Frac a1 sands as follows: 80738# 20/40 sand in 608 bbls Lightning 17 frac fluid. Treated @ avg press of 1873 psi w/avg rate of 23.9 BPM. ISIP 2166 psi. Calc flush: 5250 gal. Actual flush: 4788 gal.
04-24-07	5060-5077'	Frac B1 sands as follows: 75928# 20/40 sand in 549 bbls Lightning 17 frac fluid. Treated @ avg press of 1782 psi w/avg rate of 24.5 BPM. ISIP 2088 psi. Calc flush: 5058 gal. Actual flush: 4578 gal.
04-24-07	4814-4877'	Frac D2, & D1 sands as follows: 151956# 20/40 sand in 1015 bbls Lightning 17 frac fluid. Treated @ avg press of 1787 w/ avg rate of 25.1 BPM. ISIP 2055 psi. Calc flush: 4812 gal. Actual flush: 4326 gal.
04-24-07	4328-4336'	Frac GB6 sands as follows: 40746# 20/40 sand in 378 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 w/ avg rate of 25.1 BPM. ISIP 1819 psi. Calc flush: 4326 gal. Actual flush: 4242 gal.

PERFORATION RECORD

04-17-07	5718-5735'	4 JSPF	68 holes
04-23-07	5252-5267'	4 JSPF	60 holes
04-24-07	5060-5077'	4 JSPF	68 holes
04-24-07	4867-4877'	4 JSPF	40 holes
04-24-07	4814-4825'	4 JSPF	44 holes
04-24-07	4328-4336'	4 JSPF	32 holes


Federal 8-8-9-16 2102' FNL & 536' FEL SE/NE Section 8-T9S-R16E Duchesne Co, Utah API # 43-013-33057; Lease # UTU-79833

Federal 5-9-9-16

Spud Date: 3-19-07

Put on Production: 5-02-07

GL: 5789' KB: 5801'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (313.01')

DEPTH LANDED: 323.52' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 136 jts (5912.60')

DEPTH LANDED: 5910.85' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 250'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

TBG PUP 2-7/8 N-80 AT: 10'

NO. OF JOINTS: 134 jts (4116.7')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4138.7' KB

ON/OFF TOOL AT: 4139.8'

ARROW #1 PACKER CE AT: 4144.87'

XO 2-3/8 x 2-7/8 J-55 AT: 4148.5'

TBG PUP 2-7/8 N-80 AT: 4149.1'

X/N NIPPLE AT: 4153.1'

TOTAL STRING LENGTH: EOT @ 4155'

FRAC JOB

04-30-07 5674-5684'

Frac CPI sands as follows:

20595# 20/40 sand in 297 bbls Lightning 17 frac fluid. Treated @ avg press of 2284 psi w/avg rate of 25 BPM. ISIP 2085 psi. Calc flush: 5672 gal. Actual flush: 5208 gal.

04-30-07 5280-5301'

Frac A3 sands as follows:

65451# 20/40 sand in 520 bbls Lightning 17 frac fluid. Treated @ avg press of 2089 psi w/avg rate of 25 BPM. ISIP 2339 psi. Calc flush: 5278 gal. Actual flush: 4830 gal.

04-30-07 5162-5184'

Frac A 1 sands as follows:

110232# 20/40 sand in 778 bbls Lightning 17 frac fluid. Treated @ avg press of 1947 psi w/avg rate of 24.4 BPM. ISIP 2305 psi. Calc flush: 5160 gal. Actual flush: 4704 gal.

04-30-07 4742-4810'

Frac D2, D1 sands as follows:

139780# 20/40 sand in 952 bbls Lightning 17 frac fluid. Treated @ avg press of 1881 w/avg rate of 25 BPM. ISIP 2123 psi. Calc flush: 4740 gal. Actual flush: 4242 gal.

04-30-07 4190-4262'

Frac GB6, & GB4 sands as follows:

8970# 20/40 sand in 218 bbls Lightning 17 frac fluid. Treated @ avg press of 1715 w/avg rate of 25 BPM. ISIP 1647 psi. Calc flush: 4189 gal. Actual flush: 4074 gal.

7/1/08

Pump change. Updated rod and tubing detail.

8/10/09

Pump Change. Updated rod & tubing details.

4/1/10

Parted rods. Updated rod and tubing detail.

5/27/2010

Pump change. Updated rod and tubing detail.

7/21/11

Parted rods. Updated rod & tubing detail.

10/29/12

Convert to Injection Well

10/30/12

Conversion MIT Finalized – update tbg detail

SN @ 4139'

On Off Tool @ 4140'

Packer 4145'

X/N Nipple @ 4153'
EOT @ 4155'

4190-4199'

4252-4262'

4742-4746'

4755-4764'

4786-4794'

4803-4810'

5162-5184'

5280-5288'

5296-5301'

5674-5684'

PBSD @ 5889'

SHOE @ 5911'

TD @ 6140'

PERFORATION RECORD

04-24-07	5674-5684'	4 JSPF	40 holes
04-30-07	5296-5301'	4 JSPF	20 holes
04-30-07	5280-5288'	4 JSPF	32 holes
04-30-07	5162-5184'	4 JSPF	88 holes
04-30-07	4803-4810'	4 JSPF	28 holes
04-30-07	4786-4794'	4 JSPF	32 holes
04-30-07	4755-4764'	4 JSPF	36 holes
04-30-07	4742-4746'	4 JSPF	16 holes
04-30-07	4252-4262'	4 JSPF	40 holes
04-30-07	4190-4199'	4 JSPF	36 holes



Federal 5-9-9-16
2096' FNL & 770' FWL
SW/NW Section 9-T9S-R16E
Duchesne Co, Utah
API # 43-013-32916; Lease # UTU-79833

FEDERAL 8-9-9-16

Spud Date: 03/04/07

Put on Production: 05/11/07

GL: 5721' KB: 5733'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (313.01')

DEPTH LANDED: 323.91' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 139 jts. (6116.90')

DEPTH LANDED: 6130.15' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP: 42'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

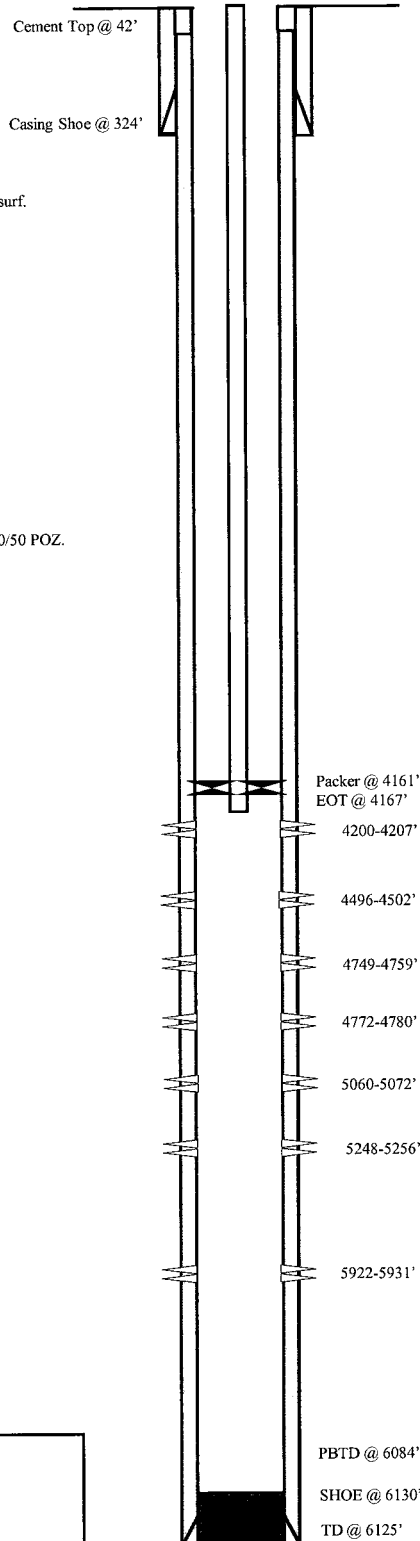
NO. OF JOINTS: 126 jts (4144.4')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4165.2' KB

PACKER CE @ 4161.30'

TOTAL STRING LENGTH: EOT @ 4167' KB

FRAC JOB

04/12/07 5922-5931'

Frac CP5 sands as follows:

14948# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 1920 psi w/avg rate of 25.1 BPM. ISIP 1840 psi. Calc flush: 5920 gal. Actual flush: 5376 gal.

04/12/07 5248-5256'

Frac A3 sands as follows:

40548# 20/40 sand in 382 bbls Lightning 17 frac fluid. Treated @ avg press of 1973 psi w/avg rate of 25.1 BPM. ISIP 2075 psi. Calc flush: 5246 gal. Actual flush: 4742 gal.

04/12/07 5060-5072'

Frac B2 sands as follows:

90627# 20/40 sand in 659 bbls Lightning 17 frac fluid. Treated @ avg press of 2804 psi w/avg rate of 25.4 BPM. ISIP 3544 psi. Calc flush: 5058 gal. Actual flush: 4553 gal.

04/12/07 4772-4780'

Frac D1 sands as follows:

124470# 20/40 sand in 856 bbls Lightning 17 frac fluid. Treated @ avg press of 2033 psi w/avg rate of 25 BPM. ISIP 2150 psi. Calc flush: 4770 gal. Actual flush: 4242 gal

04/13/07 4496-4502'

Frac PB10 sands as follows:

14785# 20/40 sand in 235 bbls Lightning 17 frac fluid. Treated @ avg press of 2026 psi w/avg rate of 14.6 BPM. ISIP 2160 psi. Calc flush: 4494 gal. Actual flush: 3990 gal

04/13/07 4200-4207'

Frac GB2 sands as follows:

32559# 20/40 sand in 313 bbls Lightning 17 frac fluid. Treated @ avg press of 2966 psi w/avg rate of 25.1 BPM. ISIP 4000 psi. Calc flush: 4198 gal. Actual flush: 3658 gal

05/17/12

Convert to Injection Well

05/22/12

Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

04/04/07	5922-5931'	4 JSPF	36 holes
04/12/07	5248-5256'	4 JSPF	32 holes
04/12/07	5060-5072'	4 JSPF	48 holes
04/12/07	4772-4780'	4 JSPF	32 holes
04/12/07	4749-4759'	4 JSPF	40 holes
04/13/07	4496-4502'	4 JSPF	24 holes
04/13/07	4200-4207'	4 JSPF	28 holes

**FEDERAL 8-9-9-16**

1773' FNL & 666' FEL

SE/NE Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-32918; Lease # UTU-65207

Federal 11A-9-9-16

Spud Date: 4-23-07
Put on Production: 6-1-07

GL: 5842' KB: 5854'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (309.65')
DEPTH LANDED: 321.5' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (6101.12')
DEPTH LANDED: 6117.53' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 156'

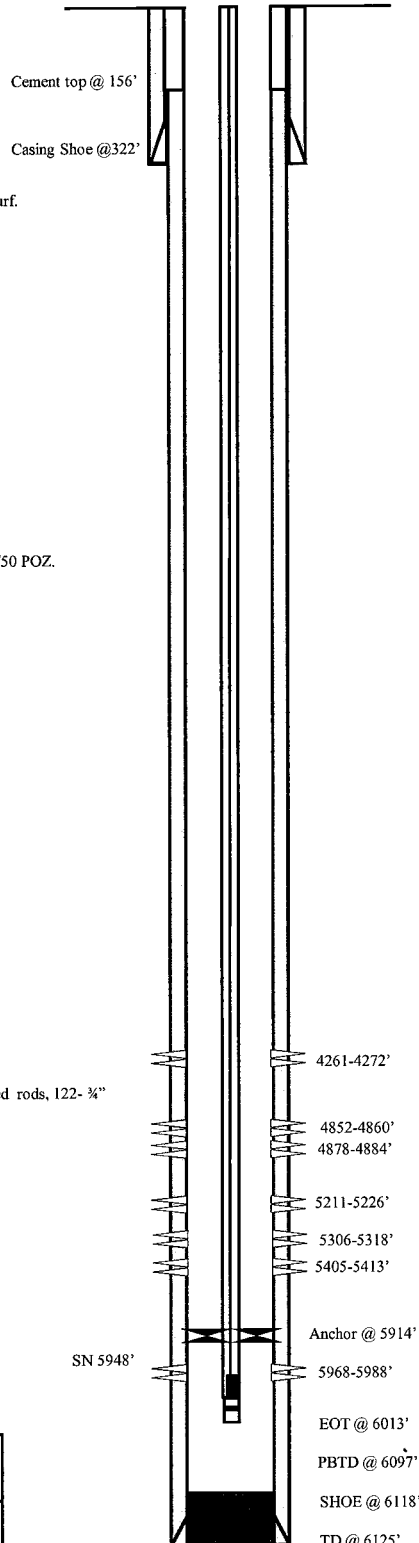
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 192 jts (5901.99')
TUBING ANCHOR: 5913.99' KB
NO. OF JOINTS: 1 jts (31.43')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5948.22' KB
NO. OF JOINTS: 2 jts (62.97')
TOTAL STRING LENGTH: EOT @ 6012.74' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8", 6', 4', x 3/4" pony rods, 98- 3/4" scraped rods, 122- 3/4" plain rods, 10- 3/4" scraped rods, 6- 1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15.5" RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

06-01-07	5968-5988'	Frac CP5 sands as follows: 86018# 20/40 sand in 657 bbls Lightning 17 frac fluid. Treated @ avg press of 1731 psi w/avg rate of 24.8 BPM. ISIP 2226 psi. Calc flush: 5966 gal. Actual flush: 5460 gal.
06-01-07	5405-5413'	Frac LODC sands as follows: 15233# 20/40 sand in 657 bbls Lightning 17 frac fluid. Treated @ avg press of 2238 psi w/avg rate of 24.8 BPM. ISIP 2359 psi. Calc flush: 5403 gal. Actual flush: 4956 gal.
06-01-07	5306-5318'	Frac LODC sands as follows: 25167# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 2598 psi w/avg rate of 24.7 BPM. ISIP 3184 psi. Calc flush: 5304 gal. Actual flush: 4830 gal.
06-01-07	5211-5226'	Frac A3 sands as follows: 81060# 20/40 sand in 608 bbls Lightning 17 frac fluid. Treated @ avg press of 1601 w/ avg rate of 24.7 BPM. ISIP 1930 psi. Calc flush: 5209 gal. Actual flush: 4746 gal.
06-01-07	4852-4884'	Frac D3 sands as follows: 20066# 20/40 sand in 293 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 w/ avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 4948 gal. Actual flush: 4368 gal.
06-01-07	4261-4272'	Frac GB4 sands as follows: 55827# 20/40 sand in 453 bbls Lightning 17 frac fluid. Treated @ avg press of 1508 w/ avg rate of 24.8 BPM. ISIP 1752 psi. Calc flush: 4424 gal. Actual flush: 4326 gal.
9-30-08		Pump Change. Updated rod & tubing details.

PERFORATION RECORD

05-21-07	5968-5988'	4 JSPF	80 holes
06-01-07	5405-5413'	4 JSPF	32 holes
06-01-07	5306-5318'	4 JSPF	48 holes
06-01-07	5211-5226'	4 JSPF	60 holes
06-01-07	4878-4884'	4 JSPF	24 holes
06-01-07	4852-4860'	4 JSPF	32 holes
06-01-07	4261-4272'	4 JSPF	44 holes

**Federal 11A-9-9-16**

1984' FSL & 1980' FWL
NE/SW Section 9-T9S-R16E
Duchesne Co, Utah

API # 43-013-33050; Lease # UTU-79831

Federal 12-9-9-16

Spud Date: 07/26/2009
Put on Production: 08/28/2009

GL: 5827' KB: 5839'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (300')
DEPTH LANDED: 312'
HOLE SIZE: 12-1/4"
CEMENT DATA: 210 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 155 jts (6039')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6093.01'
CEMENT DATA: 265 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 40'

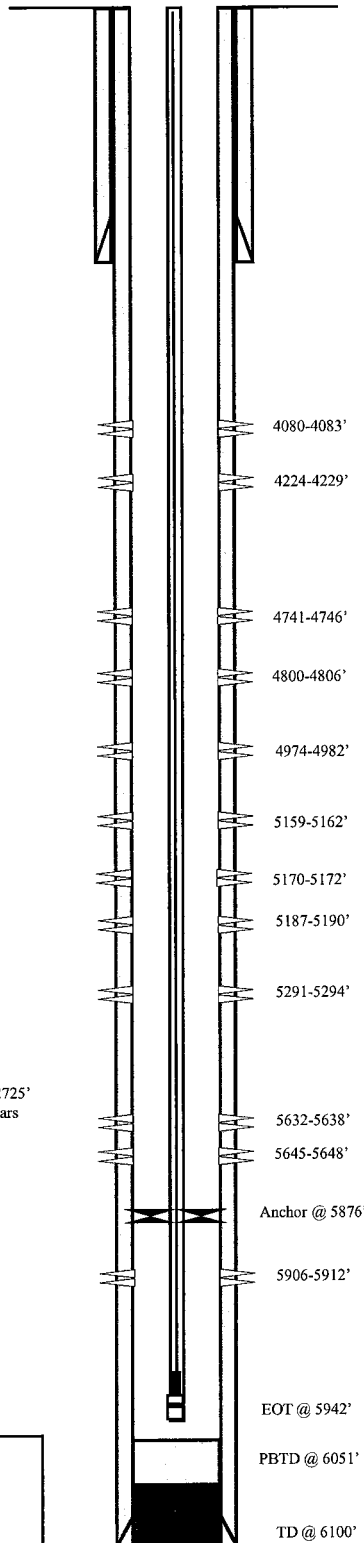
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 185 jts (5832.3')
TUBING ANCHOR: 5876'
NO. OF JOINTS: 1 jts (31.5')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5879.7' KB
NO. OF JOINTS: 2 jts (62')
TOTAL STRING LENGTH: EOT @ 5941.75'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 100 - 3/4" = 2500' 4 per guided rods, 109 - 3/4" = 2725' sucker rod, 20 - 3/4" = 500' 4 per guided rods, 6-1 1/2" = 150' weight bars
PUMP SIZE: 2 1/2" x 1 1/2" x 16' x 20' RHAC pump
STROKE LENGTH: 120
PUMP SPEED, SPM 5

Wellbore Diagram

FRAC JOB

08-31-09	5906 - 5912'	Frac CP4 sands as follows: Frac with 15001# 20/40 sand in 125 bbls Lightning 17 fluid.
08-31-09	5632 - 5648'	Frac CP1 sands as follows: Frac with 71037# 20/40 sand in 426 bbls Lightning 17 fluid.
08-31-09	5159 - 5294'	Frac A3 & LODC sands as follows: Frac with 116748# 20/40 sand in 700 bbls Lightning 17 fluid.
08-31-09	4974 - 4982'	Frac B1 sands as follows: Frac with 50899# 20/40 sand in 307 bbls Lightning 17 fluid.
08-31-09	4741 - 4806'	Frac D1 & D2 sands as follows: Frac with 136468# 20/40 sand in 834 bbls Lightning 17 fluid.
08-31-09	4080 - 4229'	Frac GB4 & GB2 sands as follows: Frac with 43808# 20/40 sand in 291 bbls Lightning 17 fluid.
10-28-09		Tubing Leak. Updated rod & tubing details.
10-09-10		Pump Change. Rod & tubing updated.
5/26/11		Tubing Leak. Updated rod and tubing detail.

PERFORATION RECORD

5906 - 5912'	3 JSPF	18 holes
5645 - 5648'	3 JSPF	9 holes
5632 - 5638'	3 JSPF	18 holes
5291 - 5294'	3 JSPF	9 holes
5187 - 5190'	3 JSPF	9 holes
5170 - 5172'	3 JSPF	6 holes
5159 - 5162'	3 JSPF	9 holes
4974 - 4982'	3 JSPF	24 holes
4800 - 4806'	3 JSPF	18 holes
4741 - 4746'	3 JSPF	15 holes
4224 - 4229'	3 JSPF	15 holes
4080 - 4083'	3 JSPF	9 holes



Federal 12-9-9-16
1710' FSL & 443' FWL NW/SW
Section 9-T9S-R16E
Duchesne Co, Utah
API #43-013-33969; Lease #UTU-85210

FEDERAL 14-9-9-16

Spud Date: 03/20/07
Put on Production: 05/15/07
GL: 5814' KB: 5826'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts (311.85')
DEPTH LANDED: 321.85'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160sxs Class "G", circ. 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137jts (6072.44')
DEPTH LANDED: 6070.44'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Premilite II & 450 sxs 50/50 POZ.
CEMENT TOP: 103' per CBL 4/18/07

TUBING (KS 11/28/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 185jts (5833.4')
TUBING ANCHOR: 5845.4'
NO. OF JOINTS: 1jt (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5879.8'
NO. OF JOINTS: 1jt (31.6')
NOTCHED COLLAR: 2-7/8" (0.5')
TOTAL STRING LENGTH: EOT @ 5913'

SUCKER RODS (KS 11/28/12)

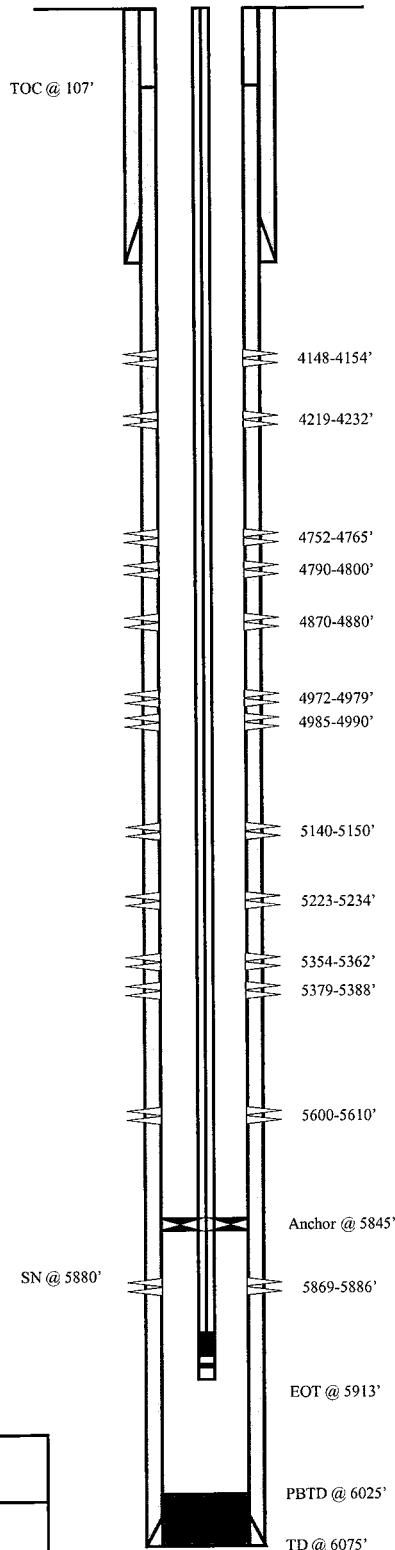
POLISHED ROD: 26' x 1-1/2" Polished Rod
SUCKER RODS: 99 x 3/4" 4per Guided Rods, 111 x 3/4" Sucker Rods, 18 x 3/4" 4per Guided Rods, 6 x 1-1/2" Sinker Bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 16' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 3.9
PUMPING UNIT: AMERICAN C-228-246-86

FRAC JOB

05/07/07	5869-5886'	Frac CP4 sands as follows: 58920# 20/40 sand in 518 bbls Lightning 17 frac fluid.
05/07/07	5600-5610'	Frac CP1 sands as follows: 24630# 20/40 sand in 362 bbls Lightning 17 frac fluid.
05/08/07	5354-5388'	Frac LODC sands as follows: 59848# 20/40 sand in 500 bbls Lightning 17 frac fluid.
05/08/07	5223-5234'	Frac A3 sands as follows: 29710# 20/40 sand in 343 bbls Lightning 17 frac fluid.
05/08/07	5140-5150'	Frac A1 sands as follows: 45023# 20/40 sand in 417 bbls Lightning 17 frac fluid.
05/08/07	4985-4990'	Frac B2 sands as follows: 49798# 20/40 sand in 438 bbls Lightning 17 frac fluid.
05/08/07	4870-4979	Frac C sands as follows: 19413# 20/40 sand in 293 bbls Lightning 17 frac fluid.
05/08/07	4752-4800	Frac D3 & D2 sands as follows: 90249# 20/40 sand in 1959 bbls Lightning 17 frac fluid.
05/08/07	4148-4232	Frac GB6 & GB4 sands as follows: 40824# 20/40 sand in 382 bbls Lightning 17 frac fluid.
05/23/08		updated rod and tubing detail
03/12/11		Parted Rods. Rod & tubing details updated

PERFORATION RECORD

04/18/07	5869-5886'	4 JSPF	68 holes
05/07/07	5600-5610'	4 JSPF	40holes
05/07/07	5379-5388'	4 JSPF	36 holes
05/08/07	5354-5362'	4 JSPF	32 holes
05/08/07	5223-5234'	4 JSPF	44 holes
05/08/07	5140-5150'	4 JSPF	40 holes
05/08/07	4985-4990'	4 JSPF	20 holes
05/08/07	4972-4979'	4 JSPF	28 holes
05/08/07	4870-4880'	4 JSPF	40 holes
05/08/07	4790-4800'	4 JSPF	40 holes
05/08/07	4752-4765'	4 JSPF	52 holes
05/08/07	4219-4232'	4 JSPF	52 holes
05/08/07	4148-4154'	4 JSPF	24 holes



NEWFIELD

FEDERAL 14-9-9-16

718'FSL & 1976' FWL

SE/SW Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-33053; Lease # UTU-79831

KS 11/28/12

South Wells Draw X-4-9-16

Spud Date: 4/2/2009
 Put on Production: 6/1/2009
 GL: 5715' KB: 5727'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts (313')
 DEPTH LANDED: 325' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 169 jts (6172')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 6222.70'
 CEMENT DATA: 280 sx Prem. Lite and 400 sx 50/50 poz
 CEMENT TOP AT: 28'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 190 jts (5889')
 TUBING ANCHOR: 5901' KB
 NO. OF JOINTS: 1 jt (30.9')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5935' KB
 NO. OF JOINTS: 2 jts (62.4')
 TOTAL STRING LENGTH: EOT @ 5999'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26'
 SUCKER RODS: 1 - 2' x 7/8"; 1 - 4' x 7/8"; 1 - 8' x 7/8" pony rods, 232 - 7/8"
 guided rods (8 per), 4-1 1/2" weight bars
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' RHAC rod pump
 STROKE LENGTH: 144"
 PUMP SPEED, SPM: 5

FRAC JOB

6-10-09 5883-5948' **Frac CP3 & CP4 sands as follows:**
 Frac with 29,550# of 20/40 sand in 249 bbls of Lightning 17 fluid.

6-10-09 5774-5792' **Frac CP2 sands as follows:**
 Frac with 65,152# 20/40 sand in 395 bbls of Lightning 17 fluid.

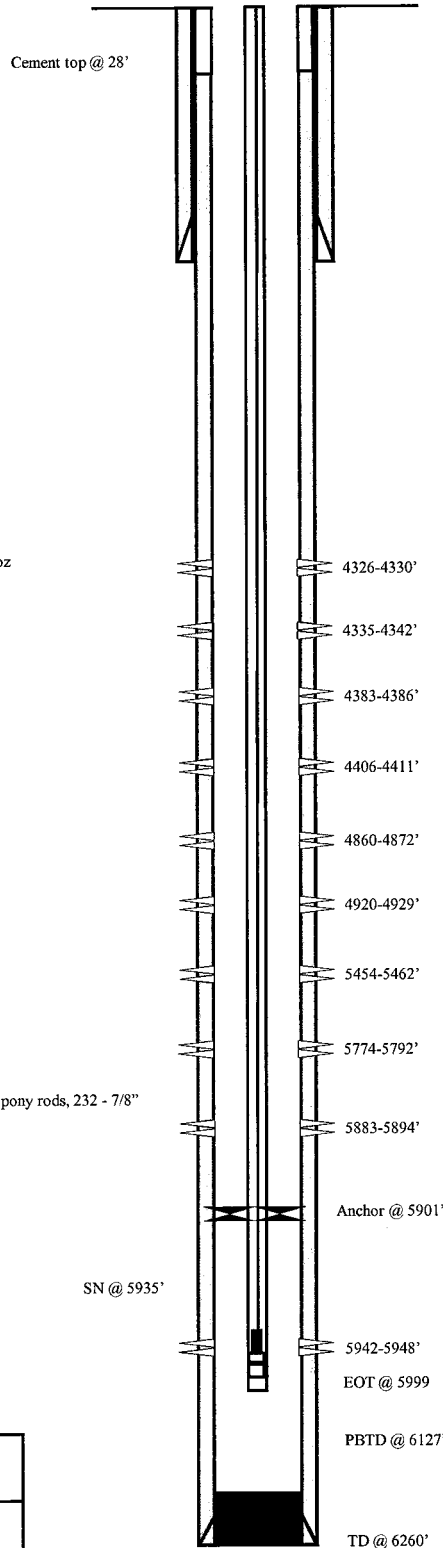
6-10-09 5454-5462' **Frac LODC sands as follows:**
 Frac with 30,549# 20/40 sand in 244 bbls of Lightning 17 fluid.

6-10-09 4860-4929' **Frac D1 & D2 sands as follows:**
 Frac with 55,172# 20/40 sand in 341 bbls of Lightning 17 fluid.

6-10-09 4326-4411' **Frac GB2 & GB4 sands as follows:**
 Frac with 55,292# 20/40 sand in 346 bbls of Lightning 17 fluid.

PERFORATION RECORD

5942-5948' 4 JSPF 24 holes
 5883-5894' 4 JSPF 44 holes
 5774-5792' 4 JSPF 72 holes
 5454-5462' 4 JSPF 32 holes
 4920-4929' 4 JSPF 36 holes
 4860-4872' 4 JSPF 48 holes
 4406-4411' 4 JSPF 20 holes
 4383-4386' 4 JSPF 12 holes
 4335-4342' 4 JSPF 28 holes
 4326-4330' 4 JSPF 16 holes



South Wells Draw X-4-9-16

730' FSL & 2044' FWL SE/SW

Section 4-T9S-R16E

Duchesne Co, Utah

API # 43-013-33880; Lease # UTU- 64379

S WELLS DRW W-4-9-16

Spud Date:-3-4-10
Put on Production: 4-7-10
GL: 5116 ' KB: 5128 '

Wellbore Diagram

FRAC JOB

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.42')
DEPTH LANDED: 322.42'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, circ 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6278.3') Includes Shoe Jt. (43.88')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6292.55'
CEMENT DATA: 276 sxs Premlite II & 450 sxs 50/50 POZ.
CEMENT TOP: 40' per CBL 3/22/10

TUBING (KS 4/7/10)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 187 jts (5876.1')
TUBING ANCHOR: 5888.1'
NO. OF JOINTS: 1 jts (31.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5922.3'
NO. OF JOINTS: 1 jts (31.5')
GAS ANCHOR: 2-7/8" (5.2')
NIPPLE: 2-7/8" (0.2')
NO. OF JOINTS: 3 jts (94.3')
BULL PLUG: 2-7/8" (0.8')
TOTAL STRING LENGTH: EOT @ 6055'

SUCKER RODS (KS 4/7/10)

POLISHED ROD: 1-1/2" x 30' Polished Rod
SUCKER RODS: 2', 4' x 7/8 Pony Rods, 232 x 7/8" 8per Guided Rods,
4 x 1-1/2" Sinker Bars.
PUMP SIZE: 2-1/2 x 1-3/4 x 20' x 24' RHAC
STROKE LENGTH: 146
PUMP SPEED, SPM: 4
PUMPING UNIT: DARCO C-640-365-168a

TOC @ 40'

SN @ 5922'

Anchor @ 5888'

PBTd @ 6247'

TD @ 6305'

4-6-10 6043-6175' **Frac CP5 & BS1 sands as follows:**
Frac with 24346# 20/40 sand in 219bbls
Lightning 17.

4-6-10 6546-6674' **Frac CP5 & CP1 sands as follows:**
Frac with 14092# 20/40 sand in 130 bbls
Lightning 17 fluid

4-6-10 5466-5500' **Frac LOCD sands as follows:**
Frac with 60790# 20/40 sand in 382 bbls
Lightning 17 fluid

4-6-10 5049-5121' **Frac C, B.5 & B1 sands as follows:**
Frac with 99748# 20/40 sand in 619bbls
Lightning 17.

4-6-10 4889-4967' **Frac D1&D2 sands as follows:**
Frac with 50255# 20/40 sand in 320bbls
Lightning 17 fluid

4-6-10 43814407' **Frac GB6sands as follows:** Frac with
31761# 20/40 sand in 223bbls
Lightning 17 fluid

PERFORATION RECORD

6170-6175'	3 JSPF	15holes
6050-6052'	3 JSPF	6 holes
6043-6047'	3 JSPF	12 holes
5781-5785'	3 JSPF	12 holes
5756-5758'	3 JSPF	6 holes
5498-5500'	3 JSPF	6 holes
5484-5487'	3 JSPF	9 holes
5466-5470'	3 JSPF	12 holes
5140-5144'	3 JSPF	12 holes
5119-5121'	3 JSPF	6 holes
5094-5098'	3 JSPF	12holes
5084-5086'	3 JSPF	6 holes
5049-5051'	3 JSPF	6 holes
4964-4967'	3 JSPF	9 holes
4955-4957'	3 JSPF	6holes
4889-4893'	3 JSPF	12 holes
4400-4407'	3 JSPF	21 holes
4386-4389'	3 JSPF	9holes
4381-4382'	3 JSPF	3holes

NEWFIELD

S Wells Drw W-4-9-16
SL: 733'FSL & 1904' FEL (SW/SE)
Section 4, T9S, R16E
Duchesne Co, Utah
API # 43-013-34097;Lease

South Wells Draw 14A-4-9-16

Spud Date: 1/17/2000
Put on Production: 7/13/2000
GL: 5711' KB: 5721'

Initial Production: 75 BOPD,
90 MCFD, 4 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (305.07')
DEPTH LANDED: 316'
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sxs Class "G" cmt, est 5 bbls cmt to surf

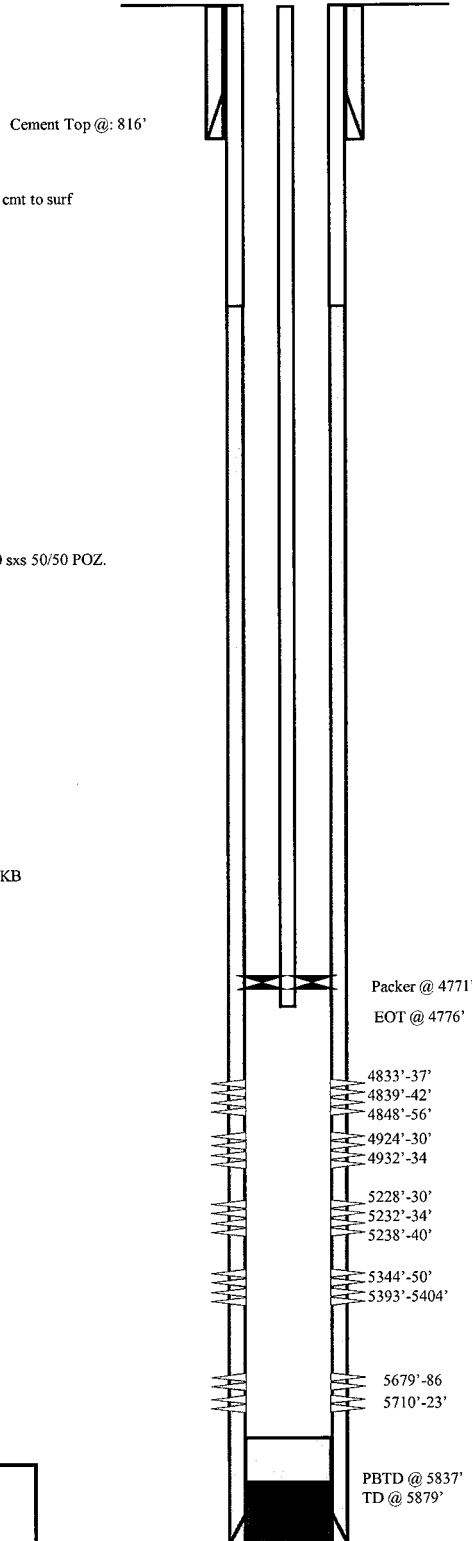
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55 & N-80
WEIGHT: 15.5# & 17.0#
LENGTH: 144 jts. (5861.96')
DEPTH LANDED: 5859.76'
HOLE SIZE: 7-7/8"
CEMENT DATA: 280 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 816'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 153 jts (4757')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4767'
CE @ 4771.38'
TOTAL STRING LENGTH: EOT @ 4776' w/ 10' KB

Injection Wellbore Diagram



FRAC JOB

2/15/00 5679'-5723' **Frac CP sand as follows:**
83,359# 20/40 sand in 487 bbls Viking I-25 fluid. Perfs broke down @ 3656 psi. Treated @ avg press of 1700 psi w/avg rate of 30 BPM. ISIP 2520 psi, 5 min 2392 psi.

2/15/00 5228'-5404' **Frac A/LDC sand as follows:**
101,132# 20/40 sand in 578 bbls Viking I-25 fluid. Perfs broke down @ 3480 psi. Treated @ avg press of 2100 psi w/avg rate of 34 BPM. Had several small breaks & a large pressure break when bringing pumps up to rate. With approx 40 bbls left to flush, pressure was near maximum. Rate was decreased 25 BPM, then pressure dropped off approx 2000 psi & a full flush was achieved. ISIP 2380 psi, 5 min 2170 psi

2/15/00 4833'-4934' **Frac C/D sand as follows:**
64,257# 20/40 sand in 332 bbls Viking I-25 fluid. Perfs broke down @ 2620 psi. Treated @ avg press of 2000 psi w/avg rate of 34 BPM. With 7# sand on perfs, pressure increased rapidly. Rate was increased & sand cut @ blender @ 8-1/2# but maximum pressure was reached before any flush water was pumped. Screened out with approx 38,257# sand in perfs and 25,000# sand left in csg.

03-25-10 **Convert to Injection well**

3-31-10 **MIT completed - tbg detail updated**

PERFORATION RECORD

2/15/00	5710'-5723'	4 JSPF	52 holes
2/15/00	5679'-5686'	4 JSPF	28 holes
2/15/00	5393'-5404'	4 JSPF	44 holes
2/15/00	5344'-5350'	4 JSPF	24 holes
2/15/00	5238'-5240'	4 JSPF	8 holes
2/15/00	5228'-5230'	4 JSPF	8 holes
2/15/00	5232'-5234'	4 JSPF	8 holes
2/16/00	4932'-4934'	4 JSPF	8 holes
2/16/00	4924'-4930'	4 JSPF	24 holes
2/16/00	4848'-4856'	4 JSPF	32 holes
2/16/00	4833'-4837'	4 JSPF	16 holes
2/16/00	4839'-4842'	4 JSPF	12 holes



South Wells Draw 14A-4-9-16
731' FSL & 2030' FWL
SE/SW Section 4-T9S-R16E
Duchesne Co, Utah
API #43-013-32107; Lease #UTU-79832

South Wells Draw #21-9Y-9-16

Spud Date: 8/23/93
Put on Production: 9/30/93
GL: 5747' KB: 5753'

Initial Production: 50 BOPD, 75 MCFD
20 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 JTS - 266.25'
DEPTH LANDED: 275' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sx Class "G" cmt w/2% CaCl & 1/4#/sx cello flakes

PRODUCTION CASING

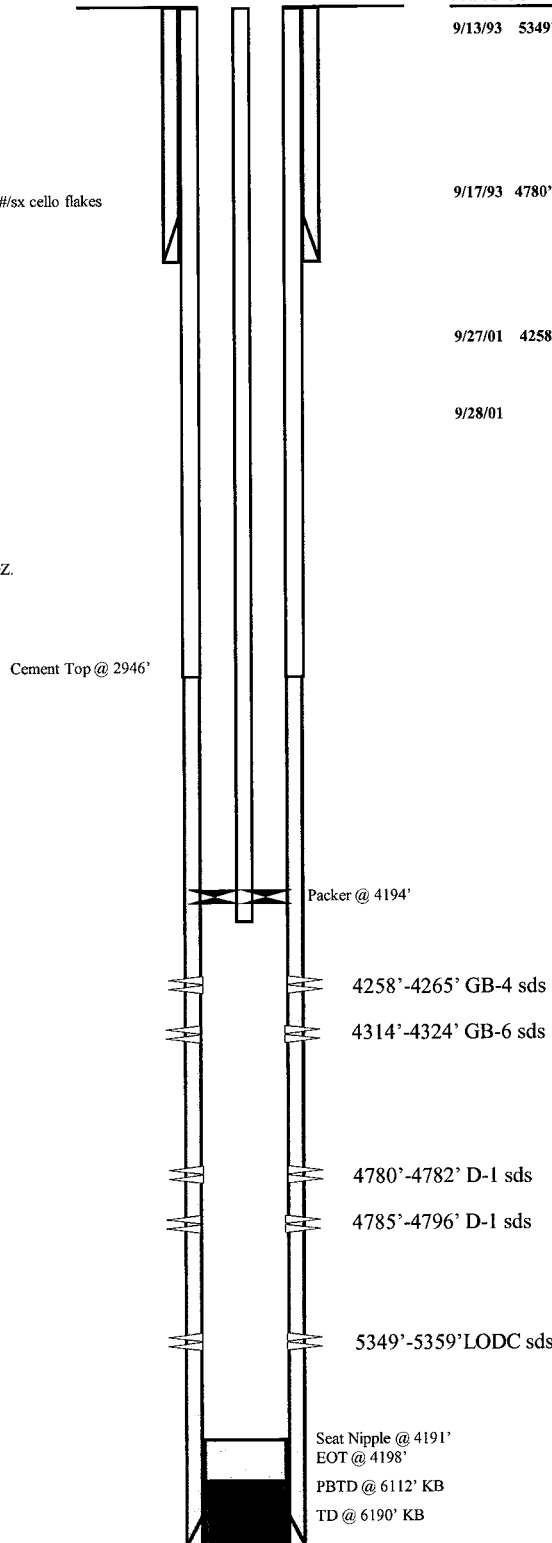
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6154.48'
SET AT: 6162.48' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 188 sx Class "G" & 125 sx 50/50 POZ.
CEMENT TOP AT: 2946' KB

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 135 (4190.16')
SN LANDED AT: 4191.26' KB
TUBING PACKER: 4194.27
TOTAL STRING LENGTH: 4198.57'

Injection

Wellbore Diagram



FRAC JOB

9/13/93 5349'-5359' **Acid job/Breakdown:**
ATP = 2500 psi, ATR = 3.8 bpm, ISIP = 2200 psi.
Frac sand as follows:
42,329# 16/30 sand w/402 bbls gelled KCL wtr. ISIP = 2582 psi, 5 min = 2280 psi, 10 min = 2032 psi, 15 min = 1826 psi.

9/17/93 4780'-4796' **Acid job/Breakdown:**
Balled out. ATP = 2500 psi, ATR = 8 bpm.
Frac sand as follows:
20,000# 16/30 sand w/443 bbls gelled KCL wtr. ATP = 2000 psi, ATR = 20 bpm, ISIP = 1760 psi, 15 min = 1500 psi.

9/27/01 4258'-4324' **Breakdown as follows:**
Pressure up to 2700 psi, broke back to 1500 psi @ 1.25 BPM, ISIP 1500 psi.

9/28/01
Convert to injector well. Ready for MIT.

PERFORATION RECORD

9-9-93	5349'-5359'	2 JSPF	20 holes
9-16-93	4780'-4782'	2 JSPF	4 holes
9-16-93	4785'-4796'	2 JSPF	22 holes
9-27-01	4314'-4324'	4 JSPF	40 holes
9-27-01	4258'-4265'	4 JSPF	32 holes



Balcron Federal #21-9Y-9-16
476 FNL & 2051 FWL
NENW Section 9-T9S-R16E
Duchesne Co, Utah
API #43-013-31396; Lease #U-65207

SO WELLS DRAW FED 2-9-9-16

Spud Date: 01/23/2007
Put on Production: 04/04/07
GL: 5788' KB: 5800'

Initial Production: BOPD,
MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.69')
DEPTH LANDED: 323.54' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est ? bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (6146')
DEPTH LANDED: 6159.25' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 198'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 167 jts (5296.10')
TUBING ANCHOR: 5296' KB
NO. OF JOINTS: 1 jts (31.70')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5331' KB
NO. OF JOINTS: 2 jts (63.70')
TOTAL STRING LENGTH: EOT @ 5396' KB

SUCKER RODS

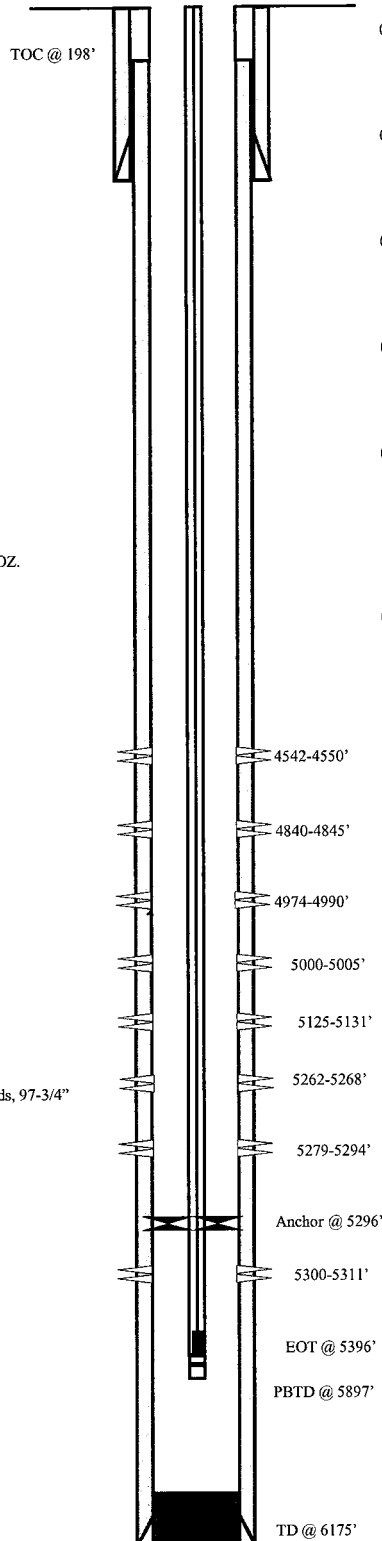
POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2' 1-6', & 1-8' x 3/4" ponies, 99-3/4" guided rods, 97-3/4" guided rods 10- guided rods, 6-1 1/2" sinker bars.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 15' RHAC
STROKE LENGTH: 86"
PUMP SPEED, 5 SPM:

FRAC JOB

03/28/07	5300-5268'	Frac A3 & A1 sands as follows: 145339# 20/40 sand in 995 bbls Lightning 17 frac fluid. Treated @ avg press of 1734 psi w/avg rate of 25 BPM. ISIP 2166 psi. Calc flush: 5298 gal. Actual flush: 4788 gal.
03/29/07	5125-5131'	Frac B2 sands as follows: 30012# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2040 psi w/avg rate of 25 BPM. ISIP 1717 psi. Calc flush: 5123 gal. Actual flush: 4662 gal.
02/29/07	5000-4990'	Frac C sands as follows: 90319# 20/40 sand in 657 bbls Lightning 17 frac fluid. Treated @ avg press of 1715 psi w/avg rate of 25.1 BPM. ISIP 2000 psi. Calc flush: 4998 gal. Actual flush: 4494 gal.
03/29/07	4840-4845'	Frac D1 sands as follows: 24650# 20/40 sand in 325 bbls Lightning 17 frac fluid. Treated @ avg press of 2370 psi w/avg rate of 24.9 BPM. ISIP 2321 psi. Calc flush: 4838 gal. Actual flush: 4334 gal.
03/29/07	4542-4550'	Frac PB10 sands as follows: 36645# 20/40 sand in 347 bbls Lightning 17 frac fluid. Treated @ avg press of 2057 psi w/avg rate of 24.9 BPM. ISIP 2290 psi. Calc flush: 4540 gal. Actual flush: 4452 gal.
10/28/09		Pump Change. Updated rod & tubing details.
07/18/11		pump Change. Rods & tubing updated.

PERFORATION RECORD

03/22/07	5300-5311'	4 JSPF	44 holes
03/22/07	5279-5294'	4 JSPF	60 holes
03/22/07	5262-5268'	4 JSPF	24 holes
03/28/07	5125-5131'	4 JSPF	24 holes
03/29/07	5000-5005'	4 JSPF	20 holes
03/29/07	4974-4990'	4 JSPF	64 holes
03/29/07	4840-4845'	4 JSPF	20 holes
03-29-07	4542-4550'	4 JSPF	32 holes

**So Wells Draw Fed. 2-9-9-16**

978' FNL & 1965' FEL

NW/NE Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-32956; Lease # UTU-65207

S Wells Draw Federal 7-9-9-16

Spud Date: 5-03-2007

Put on Production: 6-19-2007

GL: 5795' KB: 5807'

Initial Production: BOPD,
MCFD, BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (302.36')

DEPTH LANDED: 314.21' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

Cement top @ 54'

Casing Shoe @ 314'

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 139 jts. (6115.32')

DEPTH LANDED: 6128.57' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 54'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 139 jts (4270.2')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4282.2' KB

CE @ 4286.52'

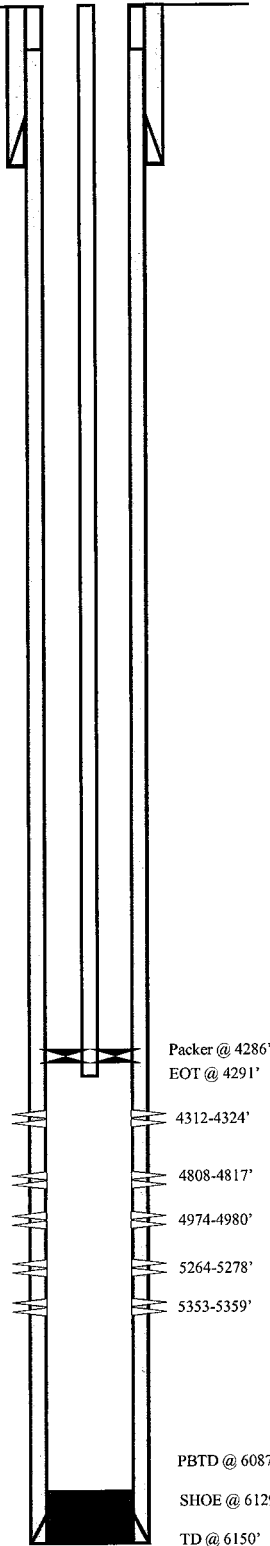
TOTAL STRING LENGTH: EOT @ 4291' KB

FRAC JOB

06-13-07	5353-5359'	Frac LODC sands as follows: 14566# 20/40 sand in 263 bbls Lightning 17 frac fluid. Treated @ avg press of 3118 psi w/avg rate of 24.8 BPM. ISIP 2413 psi. Calc flush: 5351 gal. Actual flush: 4889 gal.
06-13-07	5264-5278'	Frac A3 sands as follows: 84918# 20/40 sand in 633 bbls Lightning 17 frac fluid. Treated @ avg press of 1760 psi w/avg rate of 24.8 BPM. ISIP 2120 psi. Calc flush: 5262 gal. Actual flush: 4746 gal.
06-13-07	4808-4817'	Frac D1 sands as follows: 74920# 20/40 sand in 573 bbls Lightning 17 frac fluid. Treated @ avg press of 1905 psi w/avg rate of 24.8 BPM. ISIP 2140 psi. Calc flush: 4806 gal. Actual flush: 4284 gal.
06-13-07	4312-4324'	Frac GB4 sands as follows: 48210# 20/40 sand in 406 bbls Lightning 17 frac fluid. Treated @ avg press of 1692 w/avg rate of 24.8 BPM. ISIP 1918 psi. Calc flush: 4310 gal. Actual flush: 4246 gal.
01-18-11	4974-4980'	Frac C sands as follows: 8765# 20/40 sand in 56 bbls Lightning 17 frac fluid.
01-19-11		Convert to Injection well
01-31-11		Conversion MIT – update tbg detail

PERFORATION RECORD

06-07-07	5353-5359'	4 JSPF	24 holes
06-13-07	5264-5278'	4 JSPF	56 holes
06-13-07	4808-4817'	4 JSPF	36 holes
06-13-07	5464-5470'	4 JSPF	48 holes
01-18-11	4974-4980'	3 JSPF	18 holes



S Wells Draw Federal 7-9-9-16

1919' FNL & 2177' FEL

SW/NE Section 9-T9S-R16E

Duchesne Co, Utah

API # 43-013-32917; Lease # UTU-65207

Monument Federal 11-9-9-16

Spud Date: 3/20/96

Put on Production: 3/29/96

GL: 5756' KB: 5766' (10' KB)

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 JTS - 288'

DEPTH LANDED: 298' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 134 jts. (5856.70')

SET AT: 5866.7' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 265 sxs Super "G", 348 sxs 50/50 poz.

CEMENT TOP AT: 1530' KB

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 133 jts. (4252')

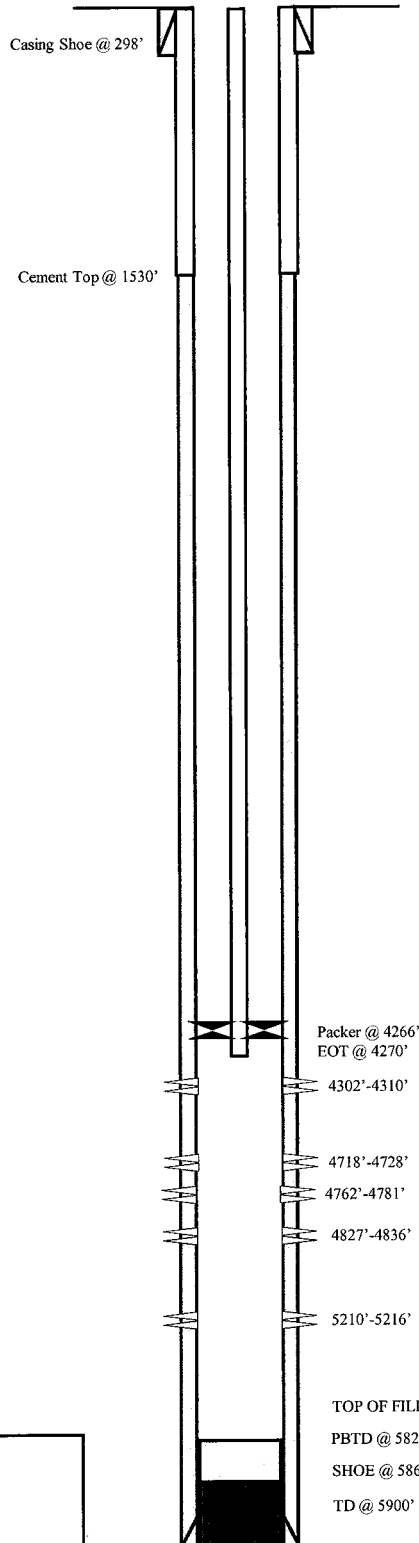
SEATING NIPPLE: 1.10'

SN LANDED AT: 4262' KB

CE @ 4266.36'

TOTAL STRING LENGTH: EOT @ 4270' KB

Injection Wellbore Diagram



Initial Production: 113 BOPD,
0 MCFD 18 BWPD

FRAC JOB

4/01/96 4762'-4836'

Frac sand as follows:

110,000# 16/30 sand in 790 bbl 2% frac fluid.
ATP 3800 psi, ATR 35.5 bpm, ISIP 3500 psi.
Calc. Flush: 4762 gal. Actual flush: 4704 gal.

4/04/96 4302'-4310'

Frac sand as follows:

50,090# 16/30 sand in 402 bbl 2% frac fluid.
ATP 3600 psi, ATR 31.6 bpm, ISIP 2450 psi.
Calc. Flush: 4302 gal. Actual flush: 4242 gal.

8/27/99

Pump change. Update rod and tubing details.

7/15/03 5210'-5216'

Frac A1 sands as follows:

23,892#s of 20/40 sand in 215 bbls Viking 1-
25 fluid. Treated @ avg press. Of 3370 w/avg
rate of 14.7 bpm. ISIP 2200 psi. Calc flush:
1362 gal. Actual flush: 1260 gals.

7/15/03 4718'-4728'

Frac DS3 sands as follow:

25,000#s of 20/40 sand in 200 bbls Viking 1-
25 fluid. Treated @ avg press of 3880 psi
w/avg rate of 14.7 bpm. ISIP 3960 psi. Calc
flush: 1233 gal. Actual flush: 1134 gal.

04/27/05

Pump change. Update rod and tubing detail.

10/12/2010

Parted rods. Updated rod and tubing detail.

4/29/11

Convert to Injection well

5/4/11

Conversion MIT Finalized

PERFORATION RECORD

4302'-4310'	4 JSPF	32 holes
4718'-4728'	4 JSPF	40 holes
4762'-4781'		8 holes
4827'-4836'		6 holes
5210'-5216'	4 JSPF	24 holes



Monument Federal 11-9-9-16

674 FNL & 668 FWL

NWNW Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-31618; Lease #UTU-020254

NEWFIELD
GMBU F-9-9-16
 Monument Butte - Duchesne County, Utah, USA

Surf Legal Location: SE/NE - Sec 8, T9S, R16E; 2,106' FNL & 494' FEL

5862' GL + 10' KB

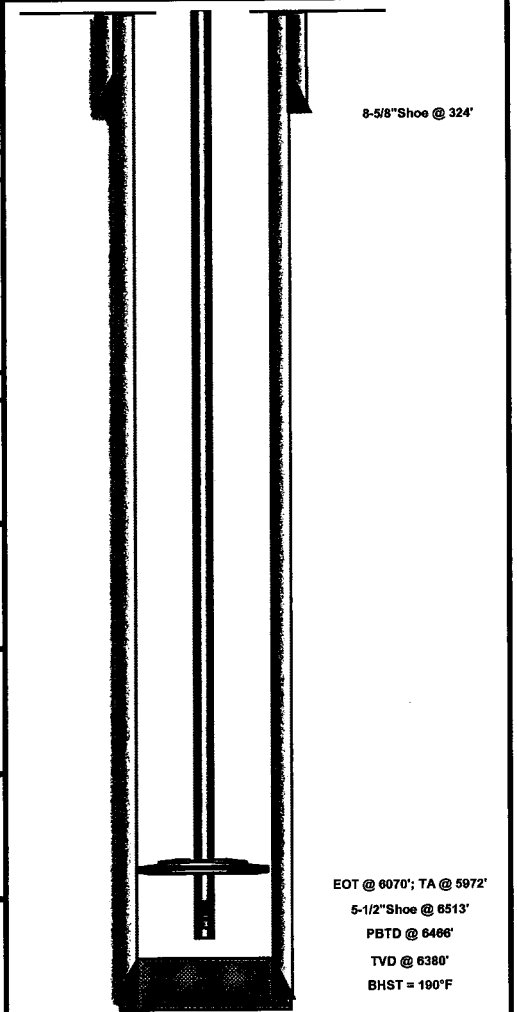
API#: 43-013-51139; Lease#: UTU-79833

Paul Lembcke

DLB 5/2/13

Spud Date: 1/17/13; PoP Date: 3/8/13

CASING DETAIL	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	324'	8.625	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
	Prod	10'	6,513'	5.500	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
TBG DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	6,070'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @	5,972'	
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump			
	Polish Rod			0'	30'	1 1/2"	C(API)	30	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 6,000'			
	Pony Rod			30'	32'	3/4"	C(API)	2	1				
	Pony Rod			32'	36'	7/8"	C(API)	4	1				
	Pony Rod			36'	42'	7/8"	C(API)	6	1				
	Polish Rod			42'	50'	7/8"	C(API)	8	1				
	4per Guided Rod			50'	2,025'	7/8"	Tenaris D78	1975	79				
	4per Guided Rod			2,025'	5,250'	3/4"	Tenaris D78	3225	129				
	8per Guided Rod			5,250'	6,000'	7/8"	Tenaris D78	750	30				
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
5	4,469'	4,470'	3	0.34	2/26/2013	Formation: GB6							
	4,473'	4,476'	3	0.34	2/26/2013	20/40 White: 50,152 lbs 15% HCl: 0 gals							
						Pad: 1,726 gals Treating Fluid: 11,167 gals							
						Flush: 4,486 gals Load to Recover: 17,379 gals							
						ISIP= 0.857 psi/ft Max STP: 3,240 psi							
4	4,917'	4,918'	3	0.34	2/26/2013	Formation: D2 D1 DS3							
	4,974'	4,976'	3	0.34	2/26/2013	20/40 White: 117,860 lbs 15% HCl: 504 gals							
	5,023'	5,026'	3	0.34	2/26/2013	Pad: 2,037 gals Treating Fluid: 26,172 gals							
						Flush: 4,876 gals Load to Recover: 33,589 gals							
						ISIP= 0.833 psi/ft Max STP: 3,638 psi							
3	5,150'	5,152'	3	0.34	2/26/2013	Formation: B1 Csand							
	5,239'	5,242'	3	0.34	2/26/2013	20/40 White: 52,394 lbs 15% HCl: 504 gals							
						Pad: 1,911 gals Treating Fluid: 11,076 gals							
						Flush: 5,124 gals Load to Recover: 18,615 gals							
						ISIP= 0.971 psi/ft Max STP: 3,694 psi							
2	5,440'	5,442'	3	0.34	2/26/2013	Formation: A3							
	5,452'	5,454'	3	0.34	2/26/2013	20/40 White: 71,068 lbs 15% HCl: 504 gals							
						Pad: 1,877 gals Treating Fluid: 15,725 gals							
						Flush: 5,426 gals Load to Recover: 23,532 gals							
						ISIP= 0.895 psi/ft Max STP: 3,614 psi							
1	5,900'	5,902'	3	0.34	2/26/2013	Formation: CP3 CP1							
	5,914'	5,916'	3	0.34	2/26/2013	20/40 White: 93,347 lbs 15% HCl: 756 gals							
	5,926'	5,928'	3	0.34	2/26/2013	Pad: 2,944 gals Treating Fluid: 20,538 gals							
	5,993'	5,994'	3	0.34	2/26/2013	Flush: 5,813 gals Load to Recover: 29,799 gals							
						ISIP= 0.941 psi/ft Max STP: 3,842 psi							
CEMENT	Surf	On 1/21/13 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 4 bbis to the pit.											
	Prod	On 2/6/13 Halliburton pumped 290 sks lead @ 11 ppg w/ 3.53 yield plus 460 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 37 bbis to the pit. TOC @ 667'.											



NEWFIELD
GMBU I-9-9-16
 Monument Butte - Duchesne County, Utah, USA

Surface Location: NE/NE Sec 9, T9S, R10E; 709' FNL & 655' FEL

5702' GL 13' KB

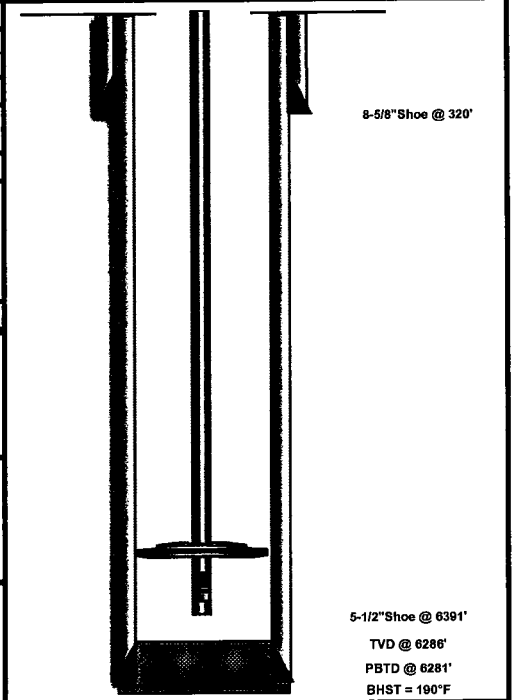
AP# 43-013-51164; Lease#: UTU-65207

Mickey Moulton

DLB 12/4/12

Spud Date: 9/11/12; PoP Date: 10/18/12

CASING DETAIL	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	bbl/ft	Coupling	Hole
	Surf	13'	320'	8.625"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
	Prod	13'	6,391'	5.5"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
TBG. DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	13'	5,386'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @	5,287'	
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump			
	Polish Rod				30'	1 1/2"	PRAY META	30'	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @ 5341'. Cent. Hyd. .003 spray metal, CPID barrel			
	Pony Rod			30'	66'	7/8"	TeNnaris D78	36'	3				
	8per Guided Rod			66'	1,791'	7/8"	Tenaris D78	1,725'	69				
	4per Guided Rod			1,791'	4,641'	3/4"	Tenaris D78	2,850'	114				
	4per Guided Rod			4,641'	5,341'	7/8"	Tenaris D78	700'	28				
	Stage	Top	Bottom	SPF	Gun Size	Date	Frac Summary						
3	4,324'	4,325'	3	1'	10/9/2012	Formation:	GB-6		KCL 7%				
	4,334'	4,338'	3	4'	10/9/2012	20/40 White:	28,898 lbs		15% HCL:		0 gals		
						Pad:	2,129 gals		Treating Fluid:		6,859 gals		
						Flush:	5,888 gals		Total Load to Rec:		14,876 gals		
						ISIP=	0.900 psi/ft		Max STP:		2,914 psi		
2	4,809'	4,810'	3	1'	10/9/2012	Formation:	D-2 D-1		KCL 7%				
	4,816'	4,818'	3	2'	10/9/2012	20/40 White:	114,172 lbs		15% HCL:		1,228 gals		
	4,890'	4,892'	3	2'	10/9/2012	Pad:	4,780 gals		Treating Fluid:		26,195 gals		
	4,899'	4,902'	3	3'	10/9/2012	Flush:	4,809 gals		Total Load to Rec:		37,010 gals		
						ISIP=	0.920 psi/ft		Max STP:		3,607 psi		
1	5,257'	5,258'	3	1'	10/8/2012	Formation:	A-3 A-1		KCL 7%				
	5,264'	5,266'	3	2'	10/8/2012	20/40 White:	108,585 lbs		15% HCL:		752 gals		
	5,294'	5,296'	3	2'	10/8/2012	Pad:	3,003 gals		Treating Fluid:		24,793 gals		
	5,302'	5,304'	3	2'	10/8/2012	Flush:	4,721 gals		Total Load to Rec:		33,264 gals		
						ISIP=	0.820 psi/ft		Max STP:		3,582 psi		
CEMENT	Surf	On 9/12/12 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 6 bbls to the pit.											
	Prod	Contact Drilling for cement detail. TOC @ Surface.											



GMBU L-9-9-16

Spud Date: 9/28/12
 Put on Production: 11/6/12
 GL: 5722' KB: 5732'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6jts (263.15')
 DEPTH LANDED: 319.62'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160sxs Class "G" cmt, circ 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154jts. (6306.08')
 DEPTH LANDED: 6322.69'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240sxs Premilite II & 470sxs 50:50 POZ.
 CEMENT TOP: 556' per CBL 10/22/12

TUBING (KS 11/6/12)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 192jts (6026.7')
 TUBING ANCHOR: 6037.5'
 NO. OF JOINTS: 1jt (31.4')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 6071.8'
 NO. OF JOINTS: 2jts (63')
 NOTCHED COLLAR: 2-7/8" (0.5')
 TOTAL STRING LENGTH: EOT @ 6136'

SUCKER RODS (KS 11/6/12)

POLISHED ROD: 30' x 1-1/2" Polished Rods
 SUCKER RODS: 2', 6', 8' x 7/8" Pony Rods, 71 x 7/8"
 4per Guided Rods, 140 x 3/4" 4per Guided Rods, 30 x 7/8"
 8per Guided Rods
 PUMP SIZE: 2-1/2" x 1-3/4" x 21' x 24' RHAC
 STROKE LENGTH: 146"
 PUMP SPEED, SPM: 4.5
 PUMPING UNIT: DARCO C-640-365-168

FRAC JOB

5752-6068' **Frac zone as follows:**
 50,838# 20/40 sand in 302 bbls 17# Borate
 Treated @ 3324 avg PSI w/avg rate of
 38 BPM. ISIP 1515 psi.

5147-5371' **Frac zone as follows:**
 35,419# 20/40 sand in 228 bbls 17# Borate
 Treated @ 3162 avg PSI w/avg rate of
 32 BPM. ISIP 1725 psi.

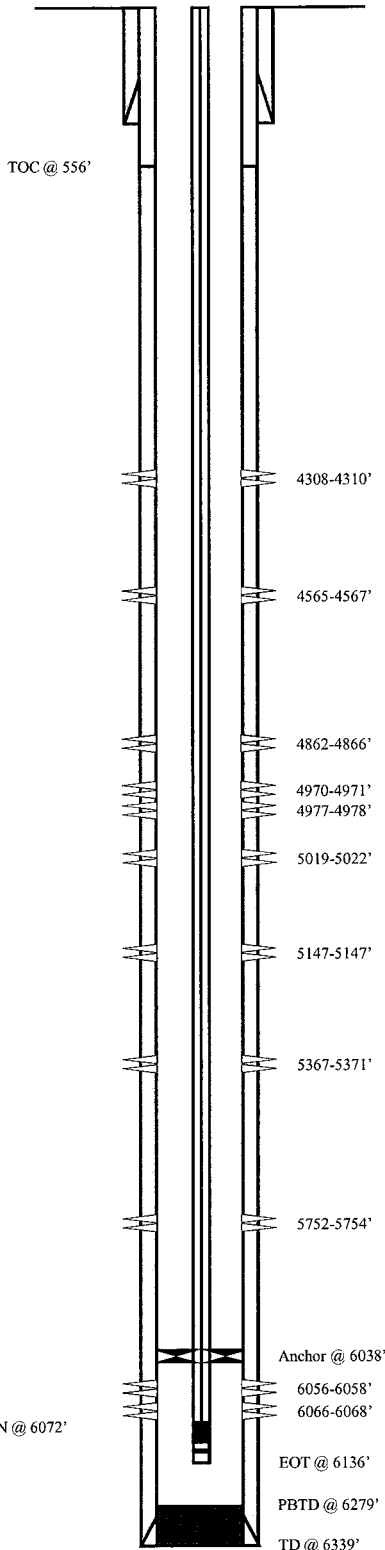
4970-5022' **Frac zone as follows:**
 50,077# 20/40 sand in 301 bbls 17# Borate
 Treated @ 3632 avg PSI w/avg rate of
 28 BPM. ISIP 1850 psi.

4862-4866' **Frac zone as follows:**
 59,471# 20/40 sand in 349 bbls 17# Borate
 Treated @ 3403 avg PSI w/avg rate of
 29 BPM. ISIP 1975 psi.

4308-4567' **Frac zone as follows:**
 30,160# 20/40 sand in 196 bbls 17# Borate
 Treated @ 3263 avg PSI w/avg rate of
 32 BPM. ISIP 1585 psi.

PERFORATION RECORD

4308-4310'	3 JSPF	10/24/12
4565-4567'	3 JSPF	10/24/12
4862-4866'	3 JSPF	10/24/12
4970-4971'	3 JSPF	10/24/12
4977-4978'	3 JSPF	10/24/12
5019-5022'	3 JSPF	10/24/12
5147-5148'	3 JSPF	10/24/12
5367-5371'	3 JSPF	10/24/12
5752-5754'	3 JSPF	10/22/12
6056-6058'	3 JSPF	10/22/12
6066-6068'	3 JSPF	10/22/12



GMBU L-9-9-16
 1817' FNL & 669' FEL
 SE/NE Section 9, T9S-R16E
 Duchesne Co, Utah
 API #43-013-51173; Lease #UTU-65207

NEWFIELD



GMBU I-8-9-16

Monument Butte - Duchesne County, Utah, USA

Surface Legal Location: SE/NE - Sec 8, T9S, R16E; 2103' FNL & 515' FEL

Elevation: 5862' GL + 10' KB

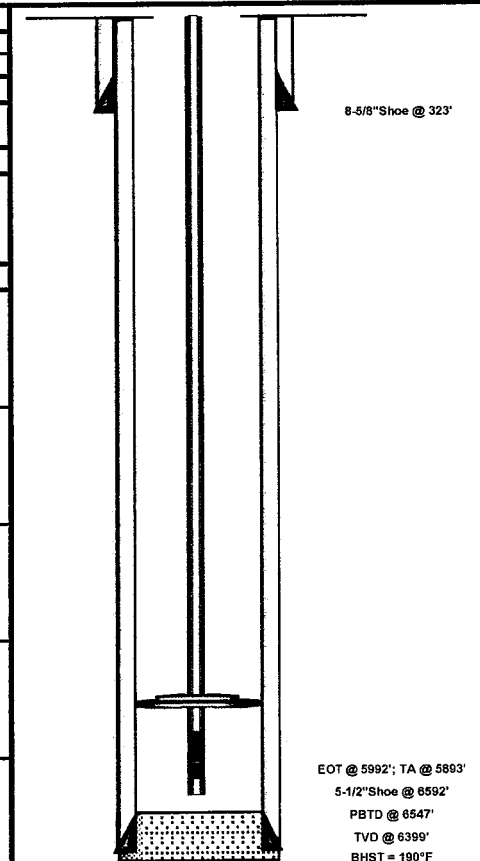
Paul Lembcke

DLB 5/2/13

API#: 43-013-51138; Lease#: UTU-79833

Spud Date: 1/16/13; PoP Date: 3/6/2013

CASING DETAIL	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	323'	8.625	24#	J-55	7.972"	2,950	1,370	8.097"	2,6749	STC	12.250
	Prod	10'	6,592'	5.500	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9987	LTC	7.875
TBG DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	5,992'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @	5,893'	
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump			
	Polish Rod			0'	30'	1 1/2"	C(API)	30	1	Insert Pump 2.5 Max ID x 1.75 Plunger RTBC @ 5,905'			
	4per Guided Rod			30'	1,830'	7/8"	Tenaris D78	1800	72				
	4per Guided Rod			1,830'	5,155'	3/4"	Tenaris D78	3325	133				
	8per Guided Rod			5,155'	5,905'	7/8"	Tenaris D78	750	30				
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
5	4,420'	4,422'	3	0.34	2/25/2013	Formation:	GB6	GB4					
	4,493'	4,494'	3	0.34	2/25/2013	20/40 White:	59,287 lbs	15% HCl:	0 gals				
	4,502'	4,504'	3	0.34	2/25/2013	Pad:	1,877 gals	Treating Fluid:	13,687 gals				
	4,516'	4,518'	3	0.34	2/25/2013	Flush:	4,439 gals	Load to Recover:	20,004 gals				
						ISIP=	0.901 psi/ft	Max STP:	3,193 psi				
4	4,948'	4,948'	3	0.34	2/25/2013	Formation:	D1	DS3					
	4,979'	4,980'	3	0.34	2/25/2013	20/40 White:	84,153 lbs	15% HCl:	500 gals				
	4,988'	4,990'	3	0.34	2/25/2013	Pad:	1,772 gals	Treating Fluid:	18,590 gals				
	4,998'	5,000'	3	0.34	2/25/2013	Flush:	5,011 gals	Load to Recover:	25,873 gals				
						ISIP=	0.862 psi/ft	Max STP:	3,171 psi				
3	5,166'	5,168'	3	0.34	2/25/2013	Formation:	B1	C Sand					
	5,236'	5,238'	3	0.34	2/25/2013	20/40 White:	58,477 lbs	15% HCl:	500 gals				
	5,254'	5,256'	3	0.34	2/25/2013	Pad:	1,890 gals	Treating Fluid:	13,124 gals				
						Flush:	5,099 gals	Load to Recover:	20,612 gals				
						ISIP=	0.838 psi/ft	Max STP:	3,243 psi				
2	5,448'	5,450'	3	0.34	2/25/2013	Formation:	A3						
	5,460'	5,462'	3	0.34	2/25/2013	20/40 White:	41,103 lbs	15% HCl:	500 gals				
						Pad:	1,693 gals	Treating Fluid:	9,129 gals				
						Flush:	5,401 gals	Load to Recover:	16,722 gals				
						ISIP=	0.864 psi/ft	Max STP:	4,716 psi				
1	5,898'	5,900'	3	0.34	2/25/2013	Formation:	CP Half						
						20/40 White:	18,827 lbs	15% HCl:	752 gals				
						Pad:	9,538 gals	Treating Fluid:	3,990 gals				
						Flush:	5,804 gals	Load to Recover:	19,833 gals				
						ISIP=	0.780 psi/ft	Max STP:	3,849 psi				
CEMENT	Surf	On 1/21/13 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 4 bbls to the pit.											
	Prod	On 2/6/13 Halliburton pumped 290 sks lead @ 11 ppg w/ 2.71 yield plus 480 sks tail @ 14.4 ppg w/ 1.21 yield. Returned 35 bbls to the pit. TOC @ 990'											



South Wells Draw U-5-9-16

Spud Date: 3/26/2009
Put on Production: 6/4/2009
GL: 5758' KB: 5770'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts (312')
DEPTH LANDED: 324' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 154 jts (6273')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6286.08'
CEMENT DATA: 300 sx Prem. Lite and 400 sx 50/50 poz
CEMENT TOP AT: 32'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 188 jts (5862')
TUBING ANCHOR: 5874' KB
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5909' KB
NO. OF JOINTS: 2 jts (63.0')
TOTAL STRING LENGTH: EOT @ 5973'

SUCKER RODS

POLISHED ROD: 1 1/2" x 30'
SUCKER RODS: 1 - 2' x 7/8" pony rod, 231 - 7/8" guide rod (8 per),
4 - 1 1/2" weight bars.
PUMP SIZE: 2 1/2" x 1 3/4" x 20" RHAC
STROKE LENGTH: 120"
PUMP SPEED, SPM: 4

FRAC JOB

6-5-09 5884-5891' **Frac CP2 sands as follows:**
Frac with 19,931# 20/40 sand in 340 total bbls inc Lightning 17 fluid.

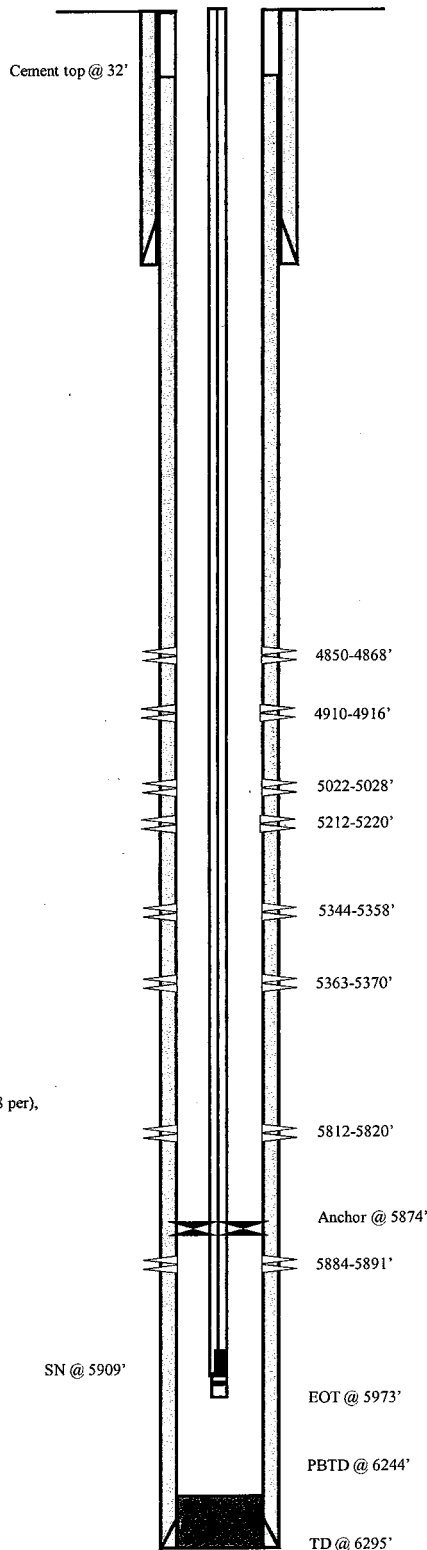
6-5-09 5812-5820' **Frac CP1 sands as follows:**
Frac with 24,805# 20/40 sand in 207 bbls of Lightning 17 fluid.

6-5-09 5344-5370' **Frac A1 sands as follows:**
Frac with 71,697# 20/40 sand in 620 total bbls inc Lightning 17 fluid.

6-5-09 5212-5220' **Frac B2 sands as follows:**
Frac with 24,698# 20/40 sand in 207 bbls of Lightning 17 fluid.

6-5-09 5022-5028' **Frac D3 sands as follows:**
Frac with 25,367# 20/40 sand in 165 bbls of Lightning 17 fluid.

6-5-09 4850-4916' **Frac D1 & DS3 sands as follows:**
Frac with 97,338# 20/40 sand in 597 bbls of Lightning 17 fluid.



PERFORATION RECORD

5884-5891' 4 JSPF 28 holes
5812-5820' 4 JSPF 32 holes
5363-5370' 4 JSPF 28 holes
5344-5358' 4 JSPF 56 holes
5212-5220' 4 JSPF 32 holes
5022-5028' 4 JSPF 24 holes
4910-4916' 4 JSPF 24 holes
4850-4868' 4 JSPF 72 holes



S Wells Draw U-5-9-16

697' FNL & 647' FWL NW/NW

Section 9-T9S-R16E

Duchesne Co, Utah

API # 43-013-33981; Lease # UTU-73086

Spud Date: 12/1/2008
Put on Production: 1/13/2009
GL: 5789' KB: 5801'

S. Wells Draw B-9-9-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (317.97')
DEPTH LANDED: 329.82' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 163 jts (6425.05')
DEPTH LANDED: 6437.66'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sx premlite and 400 sx 50/50 poz
CEMENT TOP AT: 84'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 174 jts (5434.52')
TUBING ANCHOR: 5446.52' KB
NO. OF JOINTS: 2 jts (62.38')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5511.70' KB
NO. OF JOINTS: 2 jts (60.23')
TOTAL STRING LENGTH: EOT @ 5573.48'

SUCKER RODS

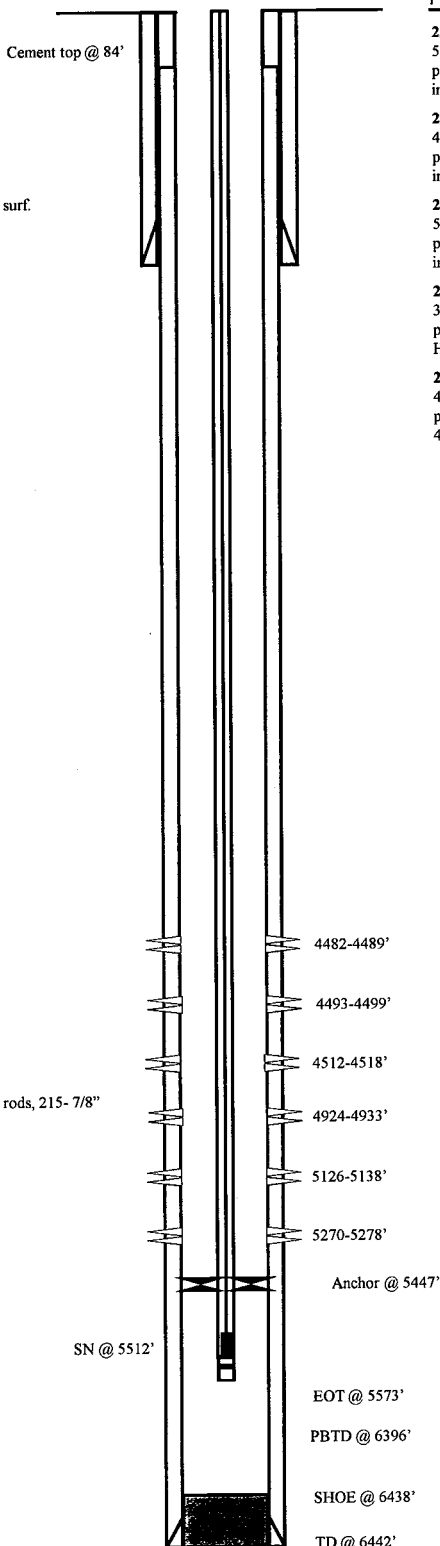
POLISHED ROD: 1 1/2" x 26' polished rod
SUCKER RODS: 2-8' & 1-4' x 7/8" pony rods, 215- 7/8" pony rods, 215- 7/8"
guided rods (8 per), 4-1 1/2" weight rods.
PUMP SIZE: 2 1/2" x 1 3/4" x 20' x 24' CDI RHAC rod pump
STROKE LENGTH: 122"
PUMP SPEED, SPM: 4

FRAC JOB

2/6/09 5470-5484' Frac A3 sds as follows:
55,483# 20/40 sand in 505 bbls of Lightning 17 fluid. Treated w/ ave
pressure of 2100 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL
in flush for Stage #2. ISIP 2149 psi. Actual flush: 4964 gals.
2/6/09 5270-5278' Frac B1 sds as follows:
40,404# 20/40 sand in 416 bbls of Lightning 17 fluid. Treated w/ ave
pressure of 2170 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL
in flush for Stage #3. ISIP 2107 psi. Actual flush: 4763 gals.
2/7/09 5126-5138' Frac C sds as follows:
54,911# 20/40 sand in 494 bbls of Lightning 17 fluid. Treated w/ ave
pressure of 1997 psi @ ave rate of 23 BPM. Pumped 504 gals of 15% HCL
in flush for Stage #4. ISIP 2109 psi. Actual flush: 4620 gals.
2/7/09 4924-4933' Frac DS3 sds as follows:
39,518# 20/40 sand in 404 bbls of Lightning 17 fluid. Treated w/ ave
pressure of 2423 psi @ ave rate of 22.9 BPM. Pumped 504 gals of 15%
HCL in flush for Stage #5. ISIP 2667 psi. Actual flush: 4418 gals.
2/7/09 4482-4518' Frac GB6 sds as follows:
47,623# 20/40 sand in 450 bbls of Lightning 17 fluid. Treated w/ ave
pressure of 1826 psi @ ave rate of 23 BPM. ISIP 2667 psi. Actual flush:
4482 gals.

PERFORATION RECORD

12/30/08	4482-4489'	4 JSPF	28 holes
12/30/08	4493-4499'	4 JSPF	24 holes
12/30/08	4512-4518'	4 JSPF	24 holes
12/30/08	4924-4933'	4 JSPF	36 holes
12/30/08	5126-5138'	4 JSPF	48 holes
12/30/08	5270-5278'	4 JSPF	32 holes



NEWFIELD

S. Wells Draw B-9-9-16

973' FNL & 1946' FEL

NW/NE Section 9-T9S-R16E

Duchesne Co, Utah

API # 43-013-34040 ; Lease # UTU-65207

TW 04/30/09

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **SWDIF**Sample Point: **After Filter**Sample Date: **12/4/2012**Sample ID: **WA-229142**Sales Rep: **Michael McBride**Lab Tech: **Gary Peterson**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	12/5/2012	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	120.00	Sodium (Na):	734.93	Chloride (Cl):	1000.00
System Pressure 1 (psig):	60.0000	Potassium (K):	11.00	Sulfate (SO ₄):	120.00
System Temperature 2 (°F):	210.00	Magnesium (Mg):	26.00	Bicarbonate (HCO ₃):	366.00
System Pressure 2 (psig):	60.0000	Calcium (Ca):	46.20	Carbonate (CO ₃):	
Calculated Density (g/ml):	0.999	Strontium (Sr):		Acetic Acid (CH ₃ COO)	
pH:	6.80	Barium (Ba):	0.17	Propionic Acid (C ₂ H ₅ COO)	
Calculated TDS (mg/L):	2304.49	Iron (Fe):	0.13	Butanoic Acid (C ₃ H ₇ COO)	
CO ₂ in Gas (%):		Zinc (Zn):	0.02	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
Dissolved CO ₂ (mg/L):	15.00	Lead (Pb):	0.00	Fluoride (F):	
H ₂ S in Gas (%):		Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Water (mg/L):	2.50	Manganese (Mn):	0.04	Silica (SiO ₂):	

Notes:

9:30

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ 2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.28	10.64	0.00	0.00	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.28	0.01
200.00	60.00	0.19	7.48	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.01
190.00	60.00	0.11	4.25	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.35	0.01
180.00	60.00	0.02	0.97	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.01
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.01
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.01
150.00	60.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.01
140.00	60.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.01
130.00	60.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.01
120.00	60.00	0.00	0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	0.01

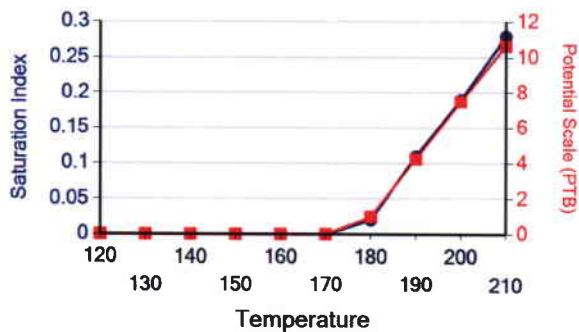
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ •0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

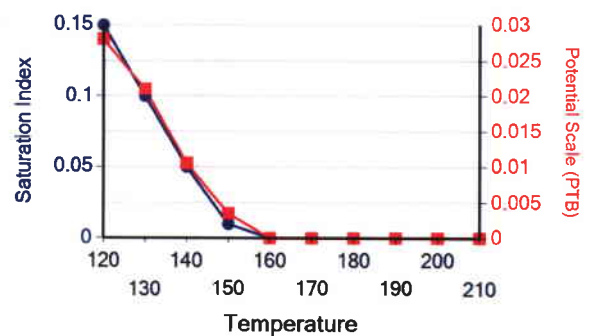
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Zinc Sulfide

These scales have positive scaling potential under final temperature and pressure: Barium Sulfate Zinc Sulfide

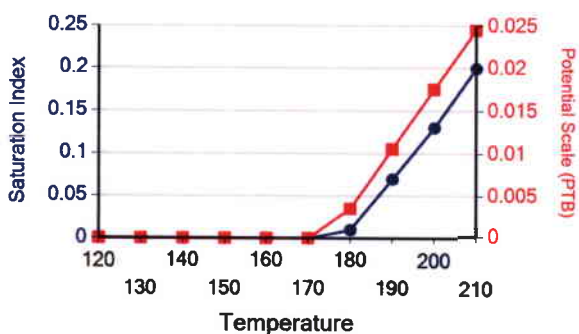
Calcium Carbonate



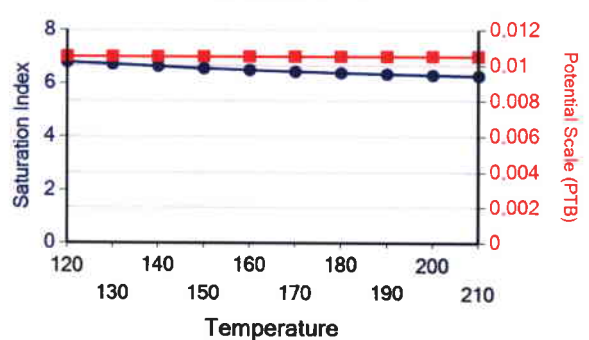
Barium Sulfate



Iron Sulfide



Zinc Sulfide



Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **FEDERAL 6-9-9-16**Sample Point: **Treater**Sample Date: **3/11/2013**Sample ID: **WA-236943**Sales Rep: **Michael McBride**Lab Tech: **Layne Wilkerson**
 Scaling potential predicted using ScaleSoftPitzer from
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	3/20/2013	Cations		Anions	
System Temperature 1 (°F):	120.00	Sodium (Na):	3169.20	Chloride (Cl):	4000.00
System Pressure 1 (psig):	60.0000	Potassium (K):	17.00	Sulfate (SO ₄):	16.00
System Temperature 2 (°F):	210.00	Magnesium (Mg):	3.40	Bicarbonate (HCO ₃):	1964.00
System Pressure 2 (psig):	60.0000	Calcium (Ca):	9.40	Carbonate (CO ₃):	
Calculated Density (g/ml):	1.004	Strontium (Sr):	0.40	Acetic Acid (CH ₃ COO)	
pH:	8.00	Barium (Ba):	11.00	Propionic Acid (C ₂ H ₅ COO)	
Calculated TDS (mg/L):	9385.06	Iron (Fe):	170.00	Butanoic Acid (C ₃ H ₇ COO)	
CO ₂ in Gas (%):		Zinc (Zn):	0.33	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
Dissolved CO ₂ (mg/L):	0.00	Lead (Pb):	0.08	Fluoride (F):	
H ₂ S in Gas (%):		Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Water (mg/L):	6.00	Manganese (Mn):	1.15	Silica (SiO ₂):	23.10

Notes:

B=6 AI=.3

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ 2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	1.13	7.53	0.33	2.73	4.73	5.45	4.52	123.60	0.00	0.00	0.00	0.00	0.00	0.00	8.71	0.17
200.00	60.00	1.07	7.41	0.35	2.82	4.70	5.45	4.46	123.60	0.00	0.00	0.00	0.00	0.00	0.00	8.77	0.17
190.00	60.00	1.00	7.28	0.36	2.93	4.67	5.45	4.39	123.59	0.00	0.00	0.00	0.00	0.00	0.00	8.84	0.17
180.00	60.00	0.94	7.13	0.38	3.06	4.65	5.45	4.32	123.59	0.00	0.00	0.00	0.00	0.00	0.00	8.92	0.17
170.00	60.00	0.88	6.96	0.41	3.22	4.63	5.45	4.25	123.58	0.00	0.00	0.00	0.00	0.00	0.00	9.00	0.17
160.00	60.00	0.82	6.77	0.44	3.40	4.62	5.45	4.19	123.57	0.00	0.00	0.00	0.00	0.00	0.00	9.09	0.17
150.00	60.00	0.76	6.57	0.48	3.60	4.61	5.45	4.11	123.56	0.00	0.00	0.00	0.00	0.00	0.00	9.19	0.17
140.00	60.00	0.71	6.35	0.52	3.81	4.62	5.45	4.04	123.54	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.17
130.00	60.00	0.66	6.12	0.57	4.04	4.63	5.45	3.97	123.53	0.00	0.00	0.00	0.00	0.00	0.00	9.42	0.17
120.00	60.00	0.61	5.87	0.63	4.29	4.65	5.45	3.90	123.51	0.00	0.00	0.00	0.00	0.00	0.00	9.55	0.17

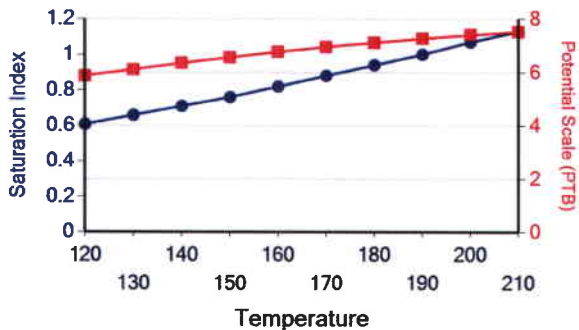
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.76	0.22	9.16	0.03	3.03	5.83	1.15	5.70	15.08	25.05
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.67	0.22	9.29	0.03	2.52	5.40	0.85	4.45	14.69	25.05
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.57	0.22	9.43	0.03	2.01	4.79	0.54	3.07	14.30	25.05
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.46	0.21	9.58	0.03	1.50	3.98	0.24	1.55	13.91	25.05
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	0.21	9.74	0.03	0.98	2.91	0.00	0.00	13.52	25.05
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.24	0.21	9.92	0.03	0.46	1.56	0.00	0.00	13.14	25.05
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12	0.20	10.10	0.03	0.00	0.00	0.00	0.00	12.75	25.05
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.20	10.30	0.03	0.00	0.00	0.00	0.00	12.37	25.05
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.19	10.52	0.03	0.00	0.00	0.00	0.00	12.00	25.05
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.18	10.75	0.03	0.00	0.00	0.00	0.00	11.64	25.05

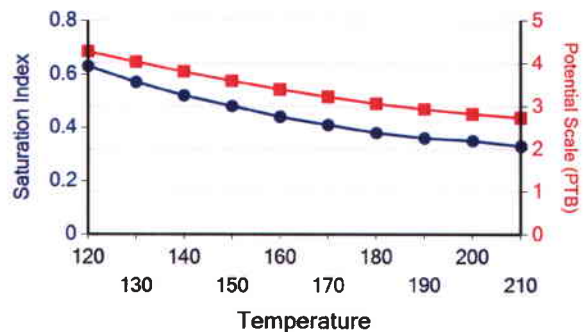
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Fe Silicate

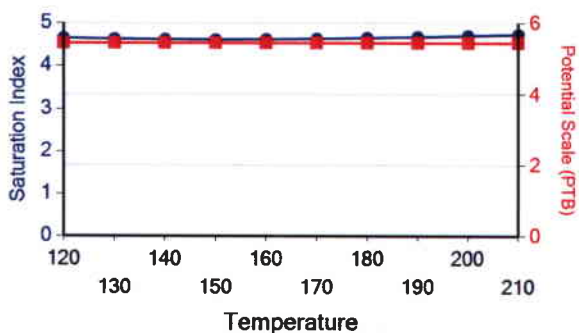
Calcium Carbonate



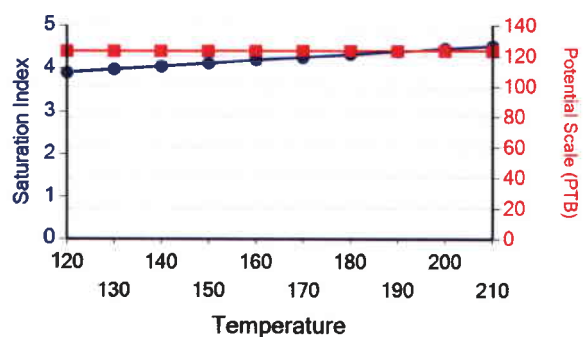
Barium Sulfate



Iron Sulfide

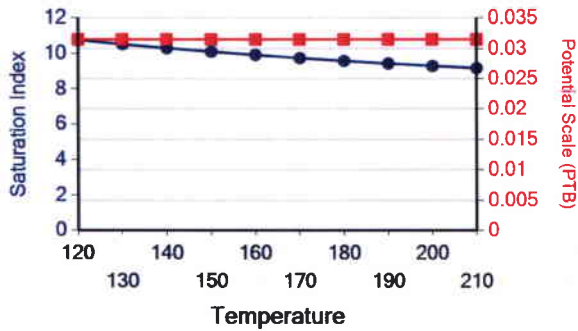


Iron Carbonate

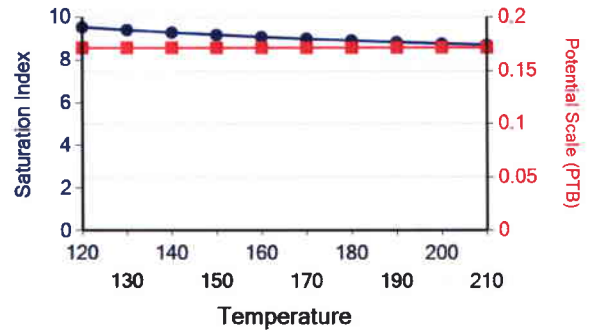


Water Analysis Report

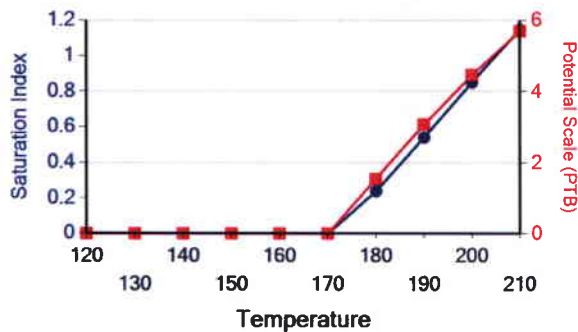
Lead Sulfide



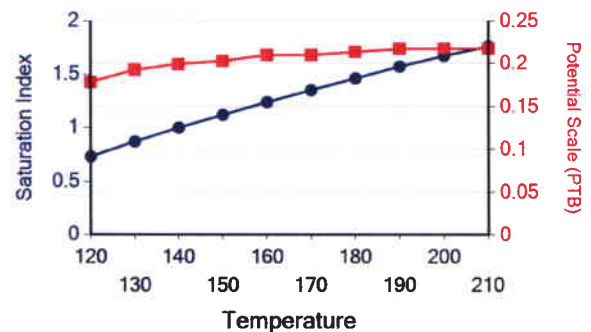
Zinc Sulfide



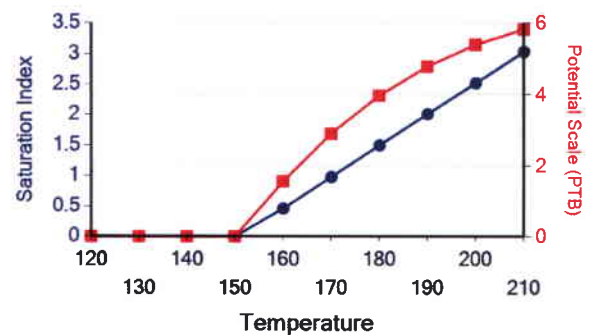
Ca Mg Silicate



Zinc Carbonate

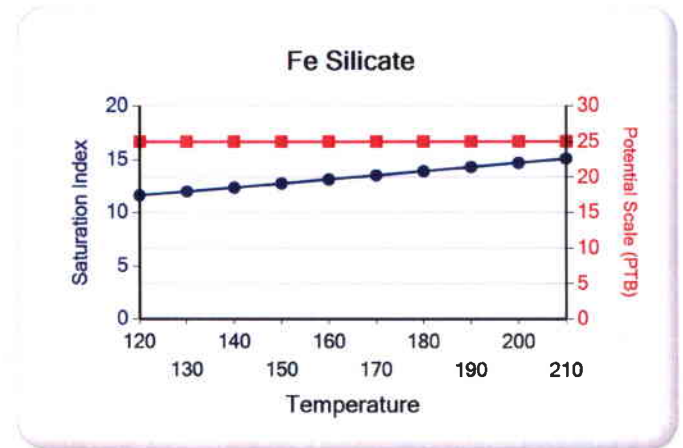


Mg Silicate



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Water Analysis Report



Attachment "G"

**Federal #6-9-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
6221	6229	6225	1775	0.72	1735 ←
5218	5237	5228	2150	0.85	2116
4938	4957	4948	1940	0.83	1908
4773	4787	4780	2055	0.86	2024
4314	4276	4295	2304	0.97	2276
				Minimum	<u><u>1735</u></u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



DAILY COMPLETION REPORT

WELL NAME: Federal 6-9-9-16 Report Date: 3-20-07 Day: 01
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6112' Csg PBTD: 6040'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP3 sds	5781-5791'	4/40

CHRONOLOGICAL OPERATIONS

Date Work Performed: 19-Mar-07 SITP: SICP: 0

Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6040' & cement top @ 14'. Perforate stage #1, CP3 sds @ 5781-91' w/ 3-1/8" Slick Guns (23 gram, .49"HE. 120) w/ 4 spf for total of 40 shots. 144 bbls EWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 144 Starting oil rec to date:
 Fluid lost/recovered today: 0 Oil lost/recovered today:
 Ending fluid to be recovered: 144 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Job Type:
 Company:
 Procedure or Equipment detail:

COSTS

Weatherford BOP
 NPC NU crew
 NDSI trucking
 Perforators LLC
 Drilling cost
 Zubiate Hot Oil
 Location preparation
 NPC wellhead
 Benco - anchors
 Admin. Overhead
 NPC Supervisor

Max TP: Max Rate: Total fluid pmpd:
 Avg TP: Avg Rate: Total Prop pmpd:
 ISIP: 5 min: 10 min: FG:

Completion Supervisor: Ron Shuck

DAILY COST: \$0
 TOTAL WELL COST: \$315,169



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DAILY COMPLETION REPORT

WELL NAME: Federal 6-9-9-16 Report Date: 3-22-07 Day: 2a
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6112' Csg PBTD: 6040'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP3 sds	5781-5791'	4/40

CHRONOLOGICAL OPERATIONS

Date Work Performed: 21-Mar-07 SITP: SICP: 0

Day2a.

RU BJ Services "Ram Head" frac flange. RU BJ & frac stage #1, CP3 sds down casing w/ 14,389#'s of 20/40 sand in 290 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3609 psi. Treated @ ave pressure of 1940 w/ ave rate of 25 bpm w/ 6.5 ppg of sand. 434 bbls EWTR. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1775. Leave pressure on well. **See day2b.**

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 144 Starting oil rec to date:
 Fluid lost/recovered today: 290 Oil lost/recovered today:
 Ending fluid to be recovered: 434 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used:	Lightning 17	Job Type:	Sand frac	Weatherford Services
Company:	BJ Services			C-D trkg frac water
Procedure or Equipment detail:	CP3 sds down casing			NPC fuel gas
	1302 gals to cross link			BJ Services CP3 sds
	1512 gals of pad			NPC Supervisor
	1149 gals w/ 1-4 ppg of 20/40 sand			
	2463 gals w/ 4-6.5 ppg of 20/40 sand			
	504 gals of 15% HCL acid			
	Flush w/ 5250 gals of slick water			

****Flush called @ blender to include 2 bbls pump/line volume ****

Max TP: 2386 Max Rate: 25 Total fluid pmpd: 290 bbls
 Avg TP: 1940 Avg Rate: 25 Total Prop pmpd: 14,389#'s
 ISIP: 1775 5 min: 10 min: FG: .74
 Completion Supervisor: Ron Shuck

DAILY COST: \$0
 TOTAL WELL COST:

WELL NAME: Federal 6-9-9-16 **Report Date:** 3-22-07 **Day:** 2b

Operation: Completion **Rig:** **Rigless**

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6112' Csg PBTD: 6040'WL
Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: 5060'
Plug 5340'

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
			CP3 sds	5781-5791'	4/40
C sds	4938-4944'	4/24			
C sds	4950-4957'	4/28			
A1 sds	5218-5237'	4/76			

Date Work Performed: 21-Mar-07 **SITP:** **SICP:** 1573

RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford (6K) composite flow through frac plug & 19' perf gun Set plug @ 5340'. Perforate A1 sds A1 5218-37' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 spf for total of 76 shots. RU BJ & frac stage #2 w/ 80,163#s of 20/40 sand in 599 bbls of Lightning 17 frac fluid. Open well w/ 1573 ps on casing. Perfs broke down @ 3480 psi. Treated @ ave pressure of 1785 w/ ave rate of 25 bpm w/ 8 ppg of sand 1033 bbls EWTR. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2150. Leave pressure on well. RIH w/ frac plug & 7', 6' perf guns. Set plug @ 5060' Perforate C sds @ 4950-57' & 4938-44' w/ 4 spf for total of 52 shots

Starting fluid load to be recovered:	<u>434</u>	Starting oil rec to date:	<u> </u>		
Fluid lost/recovered today:	<u>599</u>	Oil lost/recovered today:	<u> </u>		
Ending fluid to be recovered:	<u>1033</u>	Cum oil recovered:	<u> </u>		
IFL:	FFL:	FTP:	Choke:	Final Fluid Rate:	Final oil cut:

Base Fluid used: Lightning 17 Job Type: Sand frac Weatherford Services
Company: BJ Services C-D trkg frac water

TOTAL WELL COST: \$0

NEWFIELD



ATTACHMENT G-1
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DAILY COMPLETION REPORT

WELL NAME: Federal 6-9-9-16 **Report Date:** 3-23-07 **Day:** 3a
Operation: Completion **Rig:** Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' **Prod Csg:** 5-1/2" @ 6112' **Csg PBTD:** 6040'WL
Tbg: Size: Wt: **Grd:** Pkr/EOT @: **BP/Sand PBTD:** 5060'
Plug 5340'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP3 sds	5781-5791'	4/40
C sds	4938-4944'	4/24			
C sds	4950-4957'	4/28			
A1 sds	5218-5237'	4/76			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 22-Mar-07 **SITP:** SICP: 739

Day3a.

RU BJ & frac stage #3 w/ 44,913#'s of 20/40 sand in 407 bbls of Lightning 17 frac fluid. Open well w/ 739 psi or casing. Perfs broke down @ 4084 psi. Treated @ ave pressure of 1737 w/ ave rate of 25 bpm w/ 8 ppg of sand. Spo 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1940. 1440 bbls EWTR. Leave pressure on well. See day3b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1033 **Starting oil rec to date:**
Fluid lost/recovered today: 407 **Oil lost/recovered today:**
Ending fluid to be recovered: 1440 **Cum oil recovered:**
IFL: FFL: FTP: **Choke:** Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 **Job Type:** Sand frac
Company: BJ Services
Procedure or Equipment detail: C sds down casing

COSTS

Weatherford Services
C-D trkg frac water
NPC fuel gas
BJ Services C sds
Lone Wolf C sds
NPC Supervisor

3612 gals of pad

2819 gals w/ 1-5 ppg of 20/40 sand

5719 gals w/ 5-8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4410 gals of slick water

****Flush called @ blender to include 2 bbls pump/line volume ****

Max TP: 2069 **Max Rate:** 25 **Total fluid pmpd:** 407 bbls

Avg TP: 1737 **Avg Rate:** 25 **Total Prop pmpd:** 44,913#'s

ISIP: 1940 **5 min:** 10 min: **FG:** .83

Completion Supervisor: Ron Shuck

DAILY COST: \$0

TOTAL WELL COST: \$0



DAILY COMPLETION REPORT

WELL NAME: Federal 6-9-9-16 Report Date: 3-23-07 Day: 3bOperation: CompletionRig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6112' Csg PBTD: 6040'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4890'
 Plug 5340' 5060'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP3 sds	5781-5791'	4/40
D1 sds	4773-4787'	4/56			
C sds	4938-4944'	4/24			
C sds	4950-4957'	4/28			
A1 sds	5218-5237'	4/76			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 22-Mar-07 SITP: SICP: 1480

Day3b.

RU WLT. RIH w/ frac plug & 14' perf gun. Set plug @ 4890'. Perforate D1 sds 4773-87' w/ 4 spf for total of 56 shots RU BJ & frac stage #4 w/ 85,267#'s of 20/40 sand in 613 bbls of Lightning 17 frac fluid. Open well w/ 1480 psi or casing. Perfs broke down @ 3700 psi. Treated @ ave pressure of 1663 w/ ave rate of 25.1 bpm w/ 8 ppg of sand 2053 bbls EWTR. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2055. Leave pressure on well. See day3c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1440 Starting oil rec to date:
 Fluid lost/recovered today: 613 Oil lost/recovered today:
 Ending fluid to be recovered: 2053 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail: D1 sds down casing6384 gals of pad4319 gals w/ 1-5 ppg of 20/40 sand8622 gals w/ 5-8 ppg of 20/40 sand1675 gals w/ 8 ppg of 20/40 sand504 gals of 15% HCL acidFlush w/ 4242 gals of slick water**Flush called @ blender to include 2 bbls pump/line volume **Max TP: 20`17 Max Rate: 25.3 Total fluid pmpd: 613 bblsAvg TP: 1663 Avg Rate: 25.1 Total Prop pmpd: 85,267#'sISIP: 2055 5 min: 10 min: FG: .86Completion Supervisor: Ron Shuck

COSTS

Weatherford Services

C-D trkg frac water

NPC fuel gas

BJ Services D1 sds

Lone Wolf D1 sds

DAILY COST: \$0TOTAL WELL COST: \$0



DAILY COMPLETION REPORT

WELL NAME: Federal 6-9-9-16 Report Date: 3-23-07 Day: 3c
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6112' Csg PBTD: 6040'WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 4420'
 Plug 5340' 5060' 4890'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	<u>4276-4281'</u>	<u>4/20</u>	CP3 sds	<u>5781-5791'</u>	<u>4/40</u>
GB6 sds	<u>4308-4314'</u>	<u>4/24</u>			
D1 sds	<u>4773-4787'</u>	<u>4/56</u>			
C sds	<u>4938-4944'</u>	<u>4/24</u>			
C sds	<u>4950-4957'</u>	<u>4/28</u>			
A1 sds	<u>5218-5237'</u>	<u>4/76</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 22-Mar-07 SITP: SICP: 1700

Day3c.

RU WLT. RIH w/ frac plug & 6', 4' perf guns. Set plug @ 4420'. Perforate GB6 sds 4308-14', GB4 sds @ 4276-81 w/ 4 spf for total of 44 shots. RU BJ & frac stage #5 w/ 23,837#'s of 20/40 sand in 276 bbls of Lightning 17 frac fluid Open well w/ 1700 psi on casing. Perfs broke down @ 2322 psi. Treated @ ave pressure of 2018 w/ ave rate of 25 bpm w/ 8 ppg of sand. 2329 bbls EWTR. ISIP was 2304. RD BJ & WLT. Flow well back. Well flowed for 5 hours & died w/ bbls rec'd. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2329 Starting oil rec to date:
 Fluid lost/recovered today: 320 Oil lost/recovered today:
 Ending fluid to be recovered: 2009 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail: GB6 & GB4 sds down casing

672 gals to cross klink

2016 gals of pad

1569 gals w/ 1-5 ppg of 20/40 sand

3135 gals w/ 5-8 ppg of 20/40 sand

Flush w/ 4200 gals of slick water

COSTS

Weatherford Services

C-D trkg frac water

NPC fuel gas

BJ Services GB sds

Lone Wolf GB sds

C-D trkg wtr transfer

Max TP: 2212 Max Rate: 25 Total fluid pmpd: 276 bbls

Avg TP: 2018 Avg Rate: 25 Total Prop pmpd: 23,837#'s

ISIP: 2304 5 min: 10 min: FG: .97

Completion Supervisor: Ron Shuck

DAILY COST: \$0

TOTAL WELL COST: \$0



DAILY COMPLETION REPORT

WELL NAME: Federal 6-9-9-16 Report Date: 3-27-07 Day: 4
 Operation: Completion Rig: Western #4

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6112' Csg PBTD: 6040'WL
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD: 4165'
 Plug 5340' 5060' 4890' 4420'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4276-4281'	4/20	CP3 sds	5781-5791'	4/40
GB6 sds	4308-4314'	4/24			
D1 sds	4773-4787'	4/56			
C sds	4938-4944'	4/24			
C sds	4950-4957'	4/28			
A1 sds	5218-5237'	4/76			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 26-Mar-07 SITP: SICP: 275

MIRUSU. Open well w/ 275 psi on casing. Rec'd 20 bbls water. Well flowing wtr w/ lite gas. Pump 65 bbls wtr down casing. RD BOP. Well kicked oil. RU BOP's. Flow well to production tanks. RU Perforator Inc. RIH w/ Weatherford composite solid kill plug. Set plug @ 4165'. RD Cameron BOP's & 5K frac head. Instal 3K production head & Schaeffer BOP's. Tally & pickup new J-55, 6.5#, 8 EUE tbg off racks. TIH w/ 4-3/4" chomp bit, bit sub & 100 jts tbg. Leave tbg hang @ 3163'. SIFN. Well made 53 bbls oil & 130 bbls water.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2009 Starting oil rec to date:
 Fluid lost/recovered today: 183 Oil lost/recovered today:
 Ending fluid to be recovered: 1826 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: <u> </u> Job Type: <u> </u>	Western #4 rig
Company: <u> </u>	Weatherford BOP's
Procedure or Equipment detail: <u> </u>	B&L tbg("A" grade)
<u> </u>	NDSI wtr truck
<u> </u>	NPC trucking
<u> </u>	NPC srf equipment
<u> </u>	Boren labor/welding
<u> </u>	Perforators Inc.
<u> </u>	Weatherford plug
<u> </u>	Monks pit reclaim
<u> </u>	NDSI wtr disposal
<u> </u>	Zubiate Hot Oil
<u> </u>	NPC Supervisor
Max TP: <u> </u> Max Rate: <u> </u> Total fluid pmpd: <u> </u>	DAILY COST: <u> </u> \$0
Avg TP: <u> </u> Avg Rate: <u> </u> Total Prop pmpd: <u> </u>	TOTAL WELL COST: <u> </u> \$0
ISIP: <u> </u> 5 min: <u> </u> 10 min: <u> </u> FG: <u> </u>	
Completion Supervisor: <u>Ron Shuck</u>	



DAILY COMPLETION REPORT

WELL NAME: Federal 6-9-9-16

Report Date: 3-28-07

Day: 5

Operation: Completion

Rig: Western #4

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6112' Csg PBTD: 6040'WL
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: BP/Sand PBTD: 6067'
 Plug 5340' 5060' 4890' 4420'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4276-4281'	4/20	CP3 sds	5781-5791'	4/40
GB6 sds	4308-4314'	4/24			
D1 sds	4773-4787'	4/56			
C sds	4938-4944'	4/24			
C sds	4950-4957'	4/28			
A1 sds	5218-5237'	4/76			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 27-Mar-07

SITP: 0 SICP: 0

Open well w/ 0 psi on tbg & csg. Continue TIH w/ tbg to tag 10' of fill on top of Kill plug @ 4165'. RU pump & swivel Drlg up plug in 24 min. TIH w/ tbg to tag plug @ 4420'. Drlg up plug #2. TIH w/ tbg to tag 10' sand on plug #3. Drlg up plug. TIH w/ tbg to tag plug @ 5060'. Drlg up plug #4. TIH w/ tbg to tag plug @ 5340'. Drlg up plug #5. TIH w/ tbg to tag sand 5948'. Circulate well clean to PBTD @ 6067'. TOOH w/ 3 jts tbg to 6000'. RU swab. Made 8 runs to rec'd 145 bbls fluid (well flowed for 74 bbls). IFL was surface. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1826 Starting oil rec to date: _____
 Fluid lost/recovered today: 145 Oil lost/recovered today: _____
 Ending fluid to be recovered: 1681 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

COSTS

Base Fluid used: _____ Job Type: _____

Company: _____

Procedure or Equipment detail:

Western #4 rig

Weatherford BOP's

NPC location cleanup

Mtn West Sanitation

Nabors power swivel

NPC Supervisor

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____

Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____

ISIP: _____ 5 min: _____ 10 min: _____ FG: _____

Completion Supervisor: Ron Shuck

DAILY COST: \$0

TOTAL WELL COST: \$0

NEWFIELD

ATTACHMENT G-1
9 of 9

DAILY COMPLETION REPORT

WELL NAME: Federal 6-9-9-16

Report Date: March 29, 2007

Day: 6

Operation: Completion

Rig: Western #4

WELL STATUS

Surf Csg: 8-5/8' @ 323' Prod Csg: 5-1/2" @ 6112' Csg PBTD: 6067'
 Tbg: Size: 2-7/8" Wt: 6.5# Grd: J-55 Anchor @: 5751' BP/Sand PBTD: 6067'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4276-4281'	4/20	CP3 sds	5781-5791'	4/40
GB6 sds	4308-4314'	4/24			
D1 sds	4773-4787'	4/56			
C sds	4938-4944'	4/24			
C sds	4950-4957'	4/28			
A1 sds	5218-5237'	4/76			

CHRONOLOGICAL OPERATIONS

Date Work Performed: March 28, 2007

SITP: 360 SICP: 270

Bleed pressure off well. Stays flowing fairly strong. Circ oil & gas f/ well. Flowing sm amt. TIH W/ tbg. Tag PBTD @ 6067' (no new fill). LC excess tbg. TOH W/ 30 jts tbg--well began flowing stronger. Circ hole again. Fairly dead. Con't TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 182 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5751' W/ SN @ 5786' & EOT @ 5850'. Land tbg W/ 16,000# tension. NU wellhead. Estimated recovery of 50 BO & 50 BW during circulating & tripping. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 1/2" X 15' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 115-3/4" plain rods, 99 3/4" scraped rods, 1-8' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1631 BWTR.

Place well on production @ 7:00 PM 3/28/2007 W/ 86" SL @ 5 SPM.

FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered:	1681	Starting oil rec to date:	53
Fluid lost/recovered today:	50	Oil lost/recovered today:	50
Ending fluid to be recovered:	1631	Cum oil recovered:	103
IFL:	FFL:	FTP:	Choke:
		Final Fluid Rate:	Final oil cut:

TUBING DETAIL

ROD DETAIL

COSTS

KB	12.00'	1 1/2" X 22' polished rod	Western #4 rig
182	2 7/8 J-55 tbg (5739.27')	1-8' & 1-2' X 3/4" pony rods	Weatherford BOP's
	TA (2.80' @ 5751.27' KB)	99-3/4" scraped rods	CDI TA
1	2 7/8 J-55 tbg (31.52')	115-3/4" plain rods	CDI SN
	SN (1.10' @ 5785.59' KB)	10-3/4" scraped rods	CDI rod pump
2	2 7/8 J-55 tbg (63.19')	6-1 1/2" weight rods	NPC trucking
	2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 15'	"A" grade rod string
EOT	5850.33' W/ 12' KB	RHAC pump W/ SM plunger	Tiger trucking
			Tiger tks
			NPC swb tk (3 days)
			NPC frac head
			Zubiate HO trk
			NPC supervision

DAILY COST: \$0

Completion Supervisor: Gary Dietz

TOTAL WELL COST: \$0

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4226'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 150' balance plug using 18 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 53 sx Class "G" cement down 5 1/2" casing to 373'

The approximate cost to plug and abandon this well is \$42,000.

FEDERAL 6-9-9-16

Spud Date: 02/19/07
Put on Production: 03/28/07
GL: 5782' KB: 5794'

Proposed P & A Wellbore Diagram

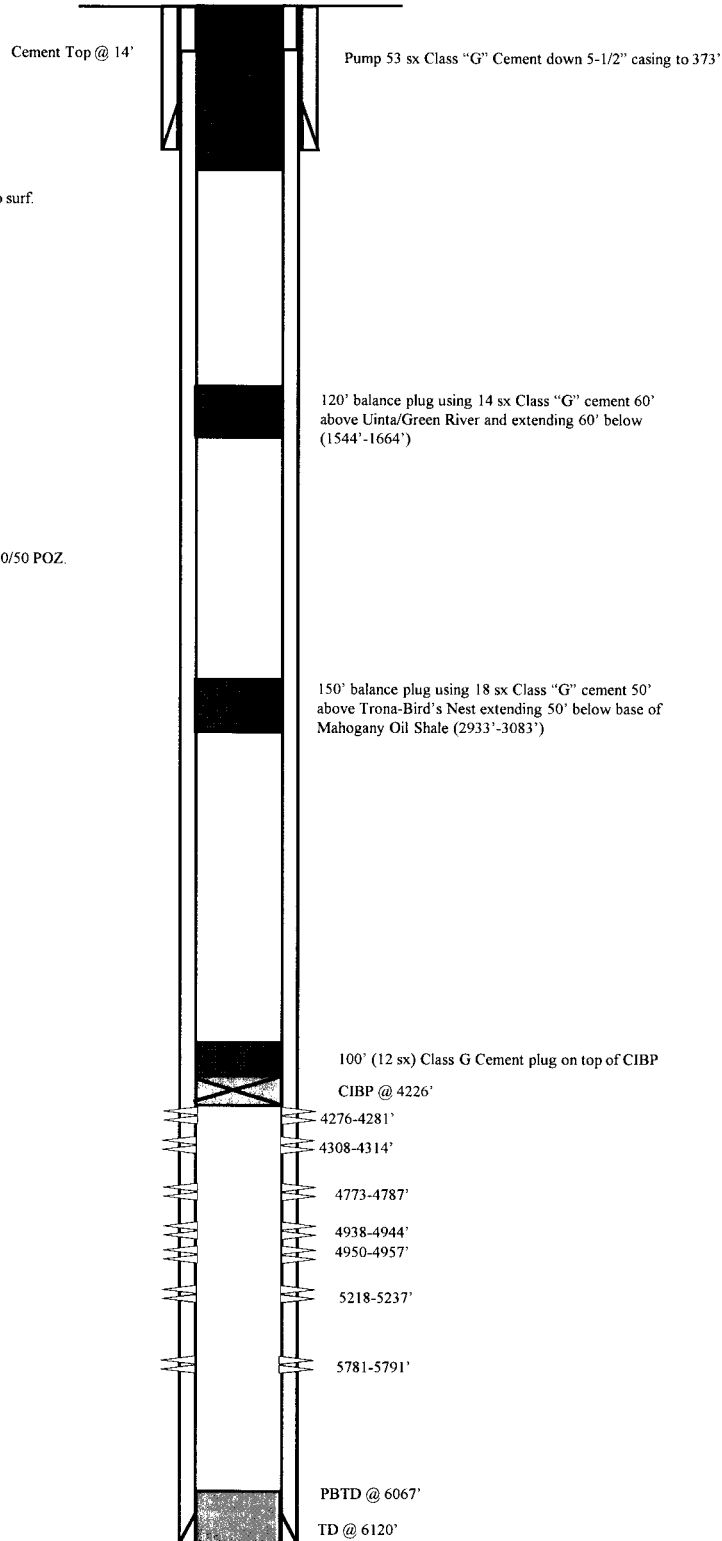
Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (311.37')
DEPTH LANDED: 323.87' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (6098.92')
DEPTH LANDED: 6112.17' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.



FEDERAL 6-9-9-16

1969'FNL & 1994' FWL
SE/NW Section 9-T9S-R16E
Duchesne Co, Utah

API #43-013-32957; Lease # UTU-79833

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-409

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 8, 9, 13, and 29, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 8-8-9-16 well located in SE/4 NE/4, Section 8, Township 9 South, Range 16 East
API 43-013-33057

Federal 6-9-9-16 well located in SE/4 NW/4, Section 9, Township 9 South, Range 16 East
API 43-013-32957

Pan American #1FR-9-16 well located in NW/4 NW/4, Section 13, Township 9 South, Range 16 East
API 43-013-10822

Federal 4-29-9-16 well located in NE/4 NW/4, Section 29, Township 9 South, Range 16 East
API 43-013-33469

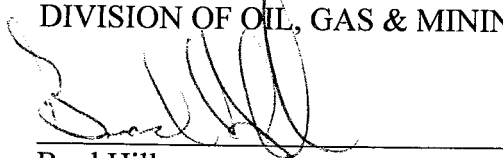
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 14th day of May, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**FEDERAL 8-8-9-16, FEDERAL 6-9-9-16,
PAN AMERICAN #1FR-9-16, FEDERAL 4-29-9-16**

Cause No. UIC-409

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 14, 2013

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-409

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

5/16/13

State of Utah Mail - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-409



jean.sweet@utah.gov

Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-409

1 message

Cindy Kleinfelter <classifieds@ubstandard.com>

Thu, May 16, 2013 at 2:15 PM

To: Jean Sweet <jsweet@utah.gov>

On 5/14/2013 1:49 PM, Jean Sweet wrote:

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

—

Jean Sweet
Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-5329

It will be published May 21, 2013.

Thanks

Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 13, 2013

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-409

To whom it may concern:

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Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

5/16/13

State of Utah Mail - Proof for Notice



John Sweet (jsweet@utah.gov)

Proof for Notice

5/15/2013 12:35 PM

Stowe, Ken <naclegal@mediaoneutah.com>
Reply-To: "Stowe, Ken" <naclegal@mediaoneutah.com>
To: JSWEET@utah.gov

Wed, May 15, 2013 at 12:35 PM

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Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
Email	juliecarter@utah.gov	Jean	kstowe

Total Amount	\$220.04	Tear Sheets	Proofs	Affidavits
Payment Amt	\$0.00			
Amount Due	\$220.04	0	0	1
Payment Method		PO Number	Cause No UIC-409	
Confirmation Notes:				
Text:	Jean			

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Legal Liner	2.0 X 64 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	5/17/2013	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	5/17/2013	
Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	5/17/2013	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	5/17/2013	

Ad Content Proof Actual Size

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DEPARTMENT OF NATURAL RESOURCES
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API 43-013-10822
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API 43-013-33469

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

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Dated this 14th day of May, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
879997

UPAXLP

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663
801-204-6910

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ACCOUNT NAME
DIV OF OIL-GAS & MINING,

TELEPHONE	AD ORDER# / INVOICE NUMBER
8015385340	0000879997 /

SCHEDULE
Start 05/17/2013 End 05/17/2013

CUST. REF. NO.
Cause No UIC-409

CAPTION
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL R

SIZE
64 Lines 2.00 COLUMN

TIMES	RATE
4	

MISC. CHARGES	AD CHARGES

TOTAL COST
220.04

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
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CAUSE NO. UIC-409

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Dated this 14th day of May, 2013.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager
879997

UPAX/P

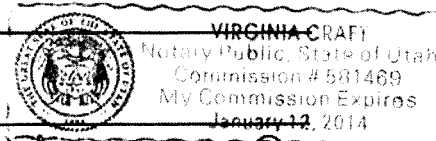
AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-409 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 05/17/2013 End 05/17/2013

SIGNATURE

5/17/2013



Virginia Craft

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PLEASE PAY FROM BILLING STATEMENT

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH


I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 21 day of May, 20 13, and that the last publication of such notice was in the issue of such newspaper dated the 21 day of May, 20 13, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

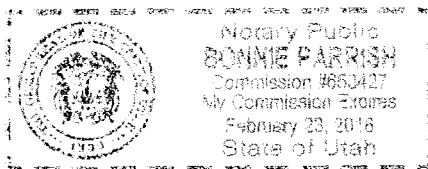

Publisher

Subscribed and sworn to before me on this

22 day of May, 20 13

by Kevin Ashby.


Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-409

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF NEW-FIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 8, 9, 13, and 29, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an in-

formal adjudicative proceeding to consider the application of New-field Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 8-8-9-16 well located in SE/4 NE/4, Section 8, Township 9 South, Range 16 East

API 43-013-33057

Federal 6-9-9-16 well located in SE/4 NW/4, Section 9, Township 9 South, Range 16 East

API 43-013-32957

Pan American #1FR-9-16 well located in NW/4 NW/4, Section 13, Township 9 South, Range 16 East

API 43-013-10822

Federal 4-29-9-16 well located in NE/4 NW/4, Section 29, Township 9 South, Range 16 East

API 43-013-33469

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection

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stallation! CALL NOW! about SAME DAY In-able.) SAVE! Ask month (where avail- starting at \$14.95/ High Speed Internet month (for 12 mos) & channels only \$29.99/ DirectTV - Over 140

(ucan) 2of4

AIM 877-460-6894 ment assistance. Call available. Job place- qualified - Housing ing. Financial aid if FAA approved train- Maintenance Tech. BECOME an Aviation

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 6-9-9-16

Location: 9/9S/16E **API:** 43-013-32957

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 324 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,112 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,302 feet. A 2 7/8 inch tubing with a packer will be set at 4,226 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. Based on surface locations, there are 9 producing wells, 4 injection wells, 1 shut-in well, and 1 P/A well in the AOR. Three of the producing wells are directionally drilled, with the surface locations inside the AOR and bottom hole locations outside the AOR. In addition, there are 4 directionally drilled producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. There are also two currently permitted surface locations outside the AOR from which directional wells will be drilled to bottom hole locations inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2000 feet. Injection shall be limited to the interval between 4,071 feet and 6,067 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 6-9-9-16 well is 0.72 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,735 psig. The requested maximum pressure is 1,735 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 6-9-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 6/6/2013



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 11, 2013

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 6-9-9-16, Section 9, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-32957

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\ tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,071 feet in the Federal 6-9-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

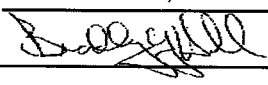
(for) John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79833			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 6-9-9-16			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1969 FNL 1974 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 09 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013329570000			
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		COUNTY: DUCHESNE			
STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/4/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The subject well has been converted from a producing oil well to an injection well on 10/02/2013. On 10/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/04/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.</p> <div style="text-align: right; padding-top: 20px;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: October 16, 2013</p> <p>By: </p> </div>					
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874			
SIGNATURE N/A		TITLE Water Services Technician			
DATE 10/8/2013					

Sundry Number: 43480 API Well Number: 43013329570000

Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 10/4/13 Time 9:00 am pm

Test Conducted by: Riley B. Bly

Others Present: _____

Well: Federal 6-9-9-16

Field: Monument B-H

Well Location: Federal 6-9-9-16

API No: 4301332957

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1325</u>	psig
5	<u>1325</u>	psig
10	<u>1325</u>	psig
15	<u>1325</u>	psig
20	<u>1325</u>	psig
25	<u>1325</u>	psig
30 min	<u>1325</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

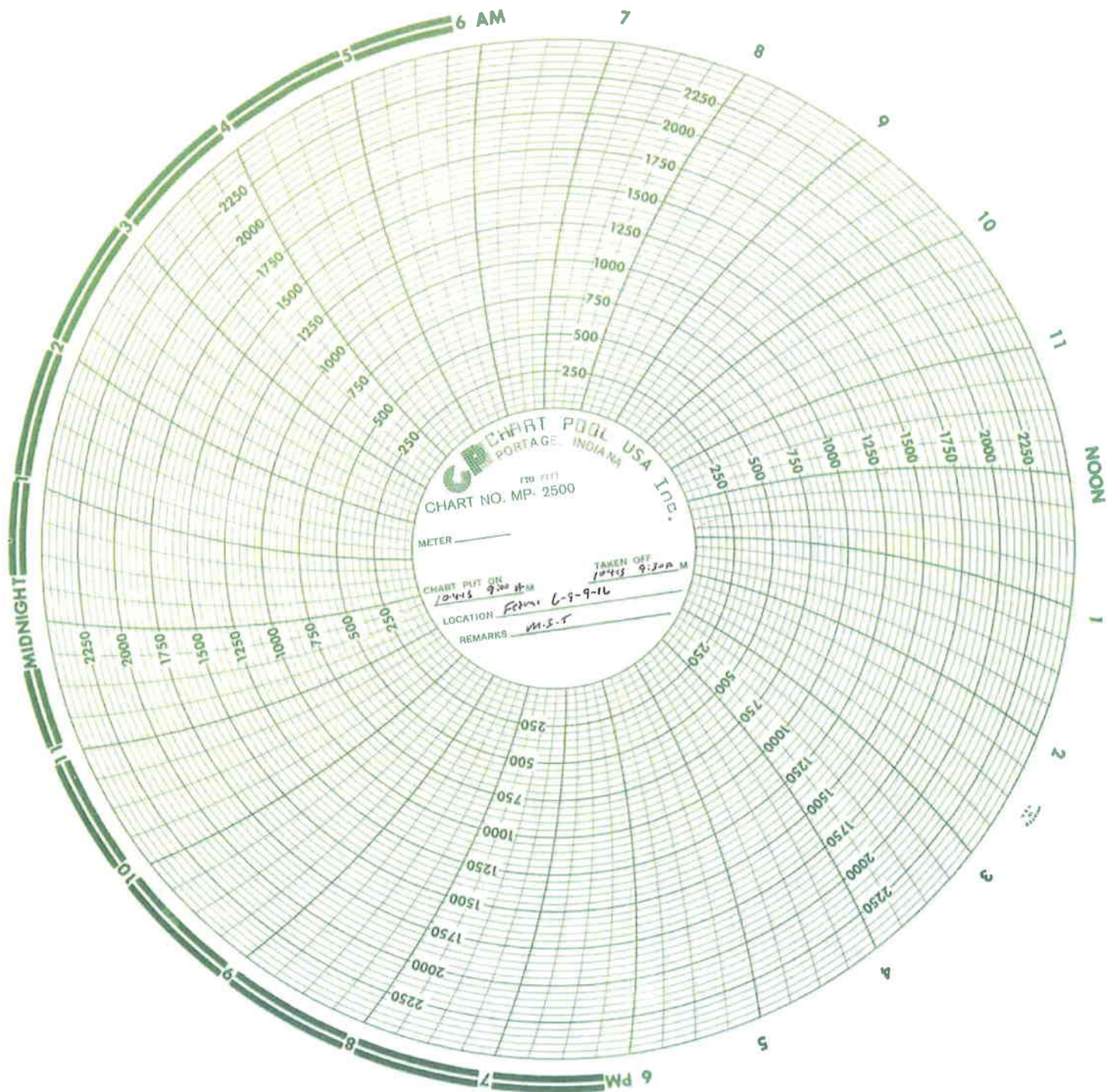
Tubing pressure: Ø psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Riley B. Bly

Sundry Number: 43480 API Well Number: 43013329570000



Daily Activity Report

Format For Sundry

FEDERAL 6-9-9-16

8/1/2013 To 12/30/2013

10/3/2013 Day: 2

Conversion

Wildcat Energy Services #2 on 10/3/2013 - RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID - 12:00 pm to 1:00pm RU RIG Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL - 12:00 pm to 1:00pm RU RIG Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL - 12:00 pm to 1:00pm RU RIG Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 12:00 pm to 1:00pm RU RIG Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL - 12:00 pm to 1:00pm RU RIG

Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 12:00 pm to 1:00pm RU RIG Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL - 12:00 pm to 1:00pm RU RIG Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 12:00 pm to 1:00pm RU RIG Flushed CSG W/ 60 BBLS @ 250 DEG. UNSEATED PUMP LD POLISH ROD, PONY RODS, 2 RODS, PU POLISH ROD FLUSHED TBG W/ 40 BBLS PU RODS, PONYSSOFT SEATED PUMP BROKE OF LP FITTINGS PT WH/TBG TO 3K PSI GOOD TEST LD ALL RODS ON TRAILER, XO TO TBG TOOLS ND WH RELEASED TAC NU BOPS RD RIG FLOOR SIWFN - 7:00AM CREW TRAVEL 7:00AM TO 7:15AM JSA SAFETY MEETING 7:15AM TO 12:00PM TOOH 133 JTS TBG BREAKING EVERY CONNECTION AND RE-DOPING W/ LIQUID O-RING GREEN DOPE 12:00PM TO 1:00PM LD 52 JTS TBG 1-TAC, 1-PSN, 1-NC 1:00PM TO 4:00PM TIH INJECTION PKR ASSEMBLY, 133 JTS TBG PUMPED 10 BBLS DOWN TBG DROPPED SV CHASED W/ 25 BBLS PT TBG TO 3K PSI HELD 100% FOR 30 MIN GOOD TEST 4:00PM TO 5:00PM RIH W/ SL RETRIEVED SV RU RIG FLOOR , ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLS OF PKR FLUID 5:00PM TO 6:00PM PT CSG TO 1400 PSI HELD 100% FOR 30 MIN GOOD TEST 6:00PM TO 7:00PM RD RIG MOSL **Finalized**

Daily Cost: \$0

Cumulative Cost: \$23,773

10/7/2013 Day: 3

Conversion

Rigless on 10/7/2013 - Conduct Initial MIT - On 10/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/04/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test.

There was not a State representative available to witness the test, - On 10/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/04/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/04/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 10/03/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/04/2013 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$49,485

Pertinent Files: Go to File List

Sundry Number: 43480 API Well Number: 43013329570000

Spud Date: 02/19/07
Put on Production: 03/28/07
GL: 5782' KB: 5794'

Federal 6-9-9-16

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311 37')
DEPTH LANDED: 323 87' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15 5#
LENGTH: 138 jts (6098 92')
DEPTH LANDED: 6112 17' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem Lite II mixed & 450 sxs 50/50 POZ

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6 5#
NO OF JOINTS: 133 jts (4190 1')
SEATING NIPPLE: 2-7/8" (1 10')
SN LANDED AT: 4202 1' KB
ON/OFF TOOL AT: 4203 2'
ARROW #1 PACKER CE AT: 4208 4'
XO 2-3/8 x 2-7/8 J-55 AT: 4212'
TBG PUP 2-3/8 J-55 AT: 4212 5'
X/N NIPPLE AT: 4216 6'
TOTAL STRING LENGTH: EOT @ 4218 46'

FRAC JOB

03/21/07	6221-6229'	Frac CP3 sands as follows: 14389# 20/40 sand in 290 bbls Lightning 17 frac fluid Treated @ avg press of 1940 psi w/avg rate of 25 BPM ISIP 1775 psi Calc flush: 6219 gal Actual flush: 5250 gal
03/21/07	5218-5237'	Frac A1 sands as follows: 80163# 20/40 sand in 599 bbls Lightning 17 frac fluid Treated @ avg press of 1785 psi w/avg rate of 25 BPM ISIP 2150 psi Calc flush: 5216 gal Actual flush: 4704 gal
03/22/07	4938-4957'	Frac C sands as follows: 44913# 20/40 sand in 407 bbls Lightning 17 frac fluid Treated @ avg press of 1737 psi w/avg rate of 25 BPM ISIP 1940 psi Calc flush: 4936 gal Actual flush: 4410 gal
03/22/07	4773-4787'	Frac D1 sands as follows: 85267# 20/40 sand in 613 bbls Lightning 17 frac fluid Treated @ avg press of 1663 psi w/avg rate of 25 1 BPM ISIP 2055 psi Calc flush: 4771 gal Actual flush: 2055 gal
03/22/07	4314-4276'	Frac GB6 & GB4 sands as follows: 23837# 20/40 sand in 276 bbls Lightning 17 frac fluid Treated @ avg press of 2018 psi w/avg rate of 25 BPM ISIP 2304 psi Calc flush: 4312 gal Actual flush: 4200 gal
01/03/2012		Pump Change. Updated rod & Tubing detail
01/30/2012		Parted rods Updated rod & tubing detail
3/9/12		Parted rods: Updated rod & tubing detail
10/02/13		Convert to Injection Well
10/04/13		Conversion MIT Finalized — update tbg detail

PERFORATION RECORD

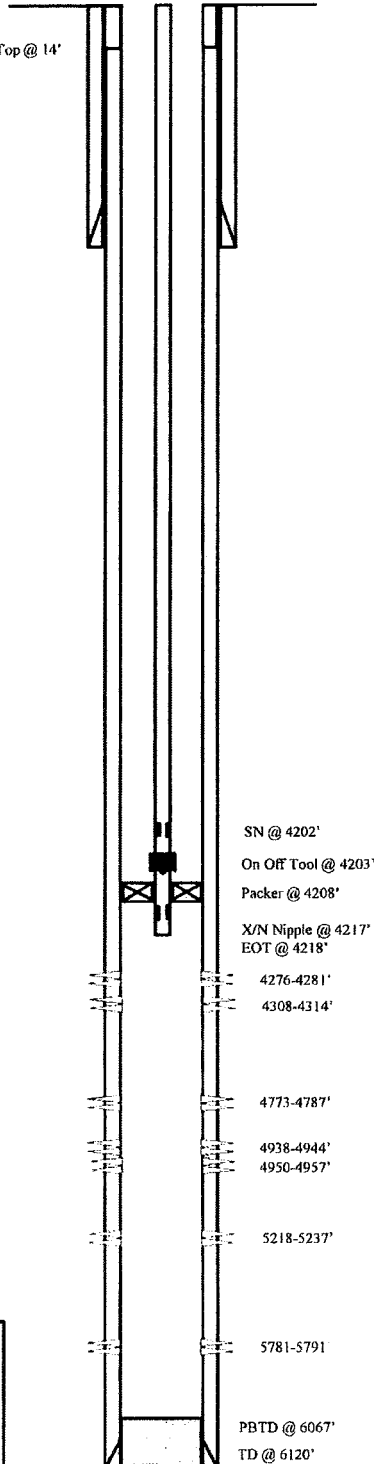
03/19/07	5781-5791'	4 JSPF	40 holes
03/21/07	5218-5237'	4 JSPF	76 holes
03/21/07	4950-4957'	4 JSPF	28 holes
03/21/07	4938-4944'	4 JSPF	24 holes
03/22/07	4773-4787'	4 JSPF	56 holes
03/24/07	4308-4314'	4 JSPF	24 holes
03/22/07	4276-4281'	4 JSPF	20 holes

NEWFIELD

FEDERAL 6-9-9-16

1969' FNL & 1994' FWL
SE/NW Section 9-T9S-R16E
Duchesne Co, Utah

API #43-013-32957; Lease # UTU-79833



LCN 10/07/13



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

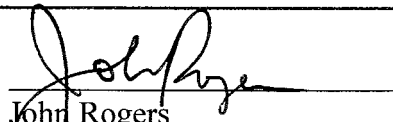
Cause No. UIC-409

Operator: Newfield Production Company
Well: Federal 6-9-9-16
Location: Section 9, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32957
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on June 11, 2013.
2. Maximum Allowable Injection Pressure: 1,735 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,071' – 6,067')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

10/16/13
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-79833
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: FEDERAL 6-9-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013329570000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1969 FNL 1974 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 09 Township: 09.0S Range: 16.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/21/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 11:30 AM on 10/21/2013.</p> </div> <div style="width: 35%; text-align: center;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>October 22, 2013</p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician DATE 10/21/2013